INDO-SUMERIAN SEALS DECIPHERED







THE INDO-SUMERIAN SEALS DECIPHERED

WORKS BY THE SAME AUTHOR

THE PHŒNICIAN ORIGIN OF THE BRITONS, SCOTS, AND ANGLO-SAXONS. With over 100 illustrations and maps. Williams & Norgate, 1924. 2nd impression, 1925.

"Dr Waddell's book exercises a convincing effect—his conclusions and discoveries are remarkable, and they are advanced in a manner essentially that of the scientific historian. Deduction follows deduction until the complete edifice stands revealed with every stone in place."—*Literary Guide*, Feb. 1925. For other Press notices, see inset at end.

DISCOVERY OF THE LOST PALIBOTHRA OF THE GREEKS. With plates and maps. Bengal Government Press, Calcutta, 1892.

"The discovery of the mightiest city of India clearly shows that Indianantiquarian studies are still in their infancy."-Englishman, Mar. 10, 1893.

THE EXCAVATIONS AT PALIBOTHRA. With plates, plans and maps. Government Press, Calcutta, 1903.

"This interesting story of the discovery of one of the most important sites in Indian history is told in Col. Waddell's report."-Times of India, Mar. 5, 1904.

- PLACE, RIVER AND MOUNTAIN NAMES IN THE HIMALAYAS. Asiatic Society, Calcutta, 1892.
- THE BUDDHISM OF TIBET. With 150 illustrations. W. H. Allen & Co., 1895.

"This is a book which considerably extends the domain of human knowledge. Every page contains new materials; many of his chapters are entirely new, and the whole forms an enduring memorial of laborious original research. He is the first European who, equipped with the resources of modern scholarship, has penetrated the esoteric Buddhism of Tibet."—The Times, Feb. 22, 1895.

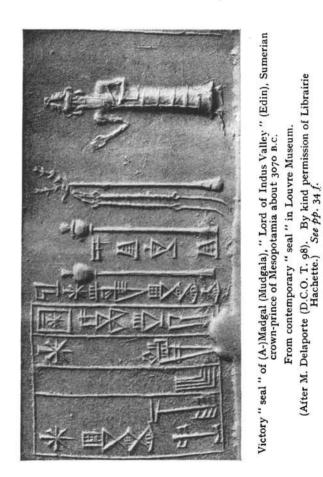
- REPORT ON MISSION FOR COLLECTING GRECO-SCYTHIC SCULPTURES IN SWAT VALLEY. Beng. Gov. Press, 1895.
- AMONG THE HIMALAYAS. With numerous original illustrations and maps. Constable, 1899. 2nd edition, 1900.

"This is one of the most fascinating books we have ever seen." - Daily Chronicle, Jan. 18, 1899.

- "Adds in pleasant fashion a great deal to our general store of knowledge."-Geographical Journal, 432, 1899.
- "One of the most valuable books that has been written on the Himalayas."-Saturday Review, Mar. 4, 1899.
- WILD TRIBES OF THE BRAHMAPUTRA VALLEY. With plates. Special No. of Asiatic Soc. Journal, Calcutta, 1900.
- LHASA AND ITS MYSTERIES. With 200 original illustrations and maps. J. Murray, 1905. 3rd edition, 1906.
 - "Rich in information and instinct with literary charm. Every page bears witness to first-hand knowledge of the country... the author is master of his subject. It is a mine of quaint folk-lore, of philology and natural history, and the descriptions of scenery are delightful... there is scarcely a page without some droll suggestion."-Times Literary Supplement, Jan. 31, 1905.
 - "The foremost living authority on his subject. Well illustrated with original photographs, it caters both for the expert and for the ordinary reader."-Daily Chronicle, Mar. 27, 1905.
 - " Of all the books on Tibet this is the most complete and the most authoritative. His perpetual curiosity, his diligent research, his exceptional knowledge, and his vigorous style of writing give to this work both authority and brightness." —Contemporary Review, June 1905.

Contributor to ENCYCLOPÆDIA BRITANNICA, 1909, and to HASTING'S ENCYCLOPÆDIA OF RELIGION AND ETHICS, 1908-1921.

PLATE I. (Frontispiece).



THE

INDO-SUMERIAN SEALS DECIPHERED

DISCOVERING SUMERIANS OF INDUS VALLEY AS PHŒNICIANS, BARATS, GOTHS ビ FAMOUS VEDIC ARYANS 3100-2300 B.C.

BY

L. A. WADDELL

LL.D., C.B., C.I.E.

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WITH NUMEROUS ILLUSTRATIONS AND MAPS

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PREFACE

In my recent work on British Origins, I proved by a mass of new historical evidence that the "Sumerians"—those foremost civilized and civilizing ancient people whose monuments and high art of five thousand years ago are the wonder of the modern world—were the long lost Early Aryans; that the Phœnicians were not Semites as has been hitherto supposed, but Aryans and the chief colonizing branch of the Sumerians; and that the people who colonized and civilized India, as well as those who colonized and civilized the Mediterranean, North-western Europe and Britain and who were the ancestors of the Britons, were likewise Aryan and belonged predominantly to the Phœnician branch of that race.

These results are now dramatically confirmed, both as regards India and the British Isles, by the discovery in the Indus Valley, a few weeks after the publication of my book, of two large series of ancient seals inscribed with Sumerian writing, unearthed from beneath the foundations of old Buddhist buildings of the third century B.C., to the second century A.D., at widely different sites on the Indus, and associated with the ancient buildings and tombs of the owners of the seals, and cultural objects of ancient Sumerian and Phœnician type.

That the writing on these seals was "Sumerian" and of an archaic type I recognized on the first glance at their photographs; and I found later that Professor Sayce and other Assyriologists had arrived at the like conclusion, but that owing to the writing being slightly different from the straight-lined script of the clay tablets, they had been unable to read a single word of the inscriptions on the seals.

vi INDO-SUMERIAN SEALS DECIPHERED

On the other hand, having in my search for Aryan Origins been led by various clues to the conclusion that the Sumerians were Aryans, and devoted a great part of the last twenty years to the study of the ancient Sumerian writing at first hand, the problem of the Indus Valley script was to me a comparatively easy one. So much so that within a day or two of receiving the photographs I was able—and I say so without any wish to boast—to decipher and read the greater part of the inscriptions on the seals. The subsequent weeks before going to press have been spent in revising the decipherments—which are now believed to be substantially correct and in ransacking the Vedas and Indian Epics for the detailed references to the various famous Aryan Vedic kings, princes and priests whose names are inscribed on the seals.

The owners of several of these Sumerian seals, I soon observed, bore the names of famous Vedic Aryan seers and princes with whom I had become familiar in the Vedic hymns of the Brahmans, and some of whom were specified therein as living on the banks of the Indus. Most of the others, for fortunately all the seals are engraved with their owners' names with one exception, are identified with other Vedic and Epic Aryan heroes who are disclosed as governors of a colony of seafaring Sumerian or Phœnician merchants and exploiters of the mineral wealth of the Indus Valley, and through the Ravi tributary of the latter the gold-fields of Tibet from about 3100 B.C.

The colony was founded by the famous Sumerian king of that epoch, Uruas', the Haryas'wa of the Vedas and Indian Epics, and the "Ur Nina" of Assyriologists, who is generally regarded as the first great dynast of the Early Sumerians; and he is now disclosed to be a Phœnician, the founder of the First Dynasty of Phœnicians in Mesopotamia, and the son of the great Hercules of the Phœnicians and Greeks, here conclusively identified with the Sumerian epic hero "Gilgamesh" of Erech, and now disclosed for the first time as a historical human Aryan Sumerian Phœnician king and great Sun-priest of Bel of relatively fixed date, about 3150 B.C. The seals are in fact the official signets and grave-amulets of the administrators with their family priests of a Mesopotamian colony in the distant Indus Valley whose very existence had been hitherto unsuspected by Assyriologists. Some of them are the official signets of famous historical Sumerian and "Akkad" kings of Mesopotamia as suzerains of the colony, including Sargon I, who appears to have personally visited it. And the seals extend down to the end of the Ur Dynasty about 2350 B.C., on the overthrow of that dynasty by its tributary province of Elam, when they suddenly cease, presumably owing to the colony having been lost to Mesopotamia and abandoned.

All these Sumerian and "Akkad" kings, governors and priests are duly recorded in the Vedas and Indian Epics as "Aryans"; and some of them are called "The able Panch" which I have shown is a form of "Phœnic-ian." On their Indus Valley seals, several bear the title of "Aryan" and of "Phœnician" by its more common synonyms, and others call themselves "Amorite," Goth and "Scyth," thus confirming my discoveries announced in the former work that the Sumerians, "Akkads," Amorites and Phœnicians were racially Aryans. Moreover, they use on their graveamulet seals the same Sumerian sacred numeral script or "cup-mark" script, and couched in substantially the same formulas to the Sun-god as I have shown in my former work, were used by the Early Sumerians, Phœnicians, Amorites and Trojans, and by the Early Britons on their "cupmarked" tombs in Ancient Britain, and thus confirming my reading of this cup-mark script on the British monuments, and the Phœnician origin of the Britons.

At the same time it is made clear that these early Aryan Sumero-Phœnicians who established and kept this colony on the Indus for about eight centuries, did not form a part of that great Aryan immigration which is now generally called "The Aryan Invasion of India." This latter event, with its permanent occupation and systematic civilization of the heart of India, the Ganges Valley or Hindustan, I find from a mass of new evidence, took place no earlier than the beginning of the seventh century B.C., and not by sea, but

viii INDO-SUMERIAN SEALS DECIPHERED

overland from Asia Minor and Syria-Phœnicia, through Persia and across the Lower Indus, by a remnant of the Hittite army and Aryan Syrio-Phœnician people seeking new settlements after their calamitous defeat by the Assyrian Sargon II at Carchemish in 718 B.C.

The unique authenticity of the Indian Epic king-lists, as an independent source of Sumerian and Mesopotomian historya discovery announced in my former work-is now strikingly confirmed by the evidence of these seals. The official Hittite origin of these king-lists, as the traditional lists of the Aryan kings from the Hittite archives back to the first Aryan dynasty in prehistoric times, and the circumstances which led to their being embedded and preserved in the Indian Epics by the Hitto-Sumerian remnant of the Arvans on their exodus to India about 700 B.C.; and my discovery that the ancient Aryan kings were Sumerians are set forth in my previous work. These Indian king-lists are now found to preserve systematically the ancestry and interrelations of the leading Mesopotamian kings and dynasties, with the original form of their names for the period of these seals, as also of antecedent and subsequent periods, which while in part disclosed by the Sumerian monuments, are still in great part unknown or misknown to Assyriologists, dependent as they are on isolated and fragmentary records and late Semitic, Chaldean and alien king-lists.

But the most fatal practical defect in the methods of Assyriologists disclosed by the comparison of these Indian king-list keys with the seals and with the Sumerian monuments and king-lists is that a great proportion of the names of Sumerian and Babylonian kings, gods and places, as "restored" by Assyriologists is largely and often wholly fictitious; and thus has been misleading the public and students of comparative history and religion, by disguising the personalities and racial and linguistic affinities of the Sumerians.

This inveterate defect in the restoration of the personal and place names of Sumerians by Assyriologist scholars is now seen to have arisen through the ambiguities of Sumerian

PREFACE

being an *imperial* or cosmopolitan composite language. which incorporated many foreign words borrowed from the diverse speech of the many subject non-Aryan races and tribes of the Sumerian empire. For the Sumerian scribes for the most part wrote their loan-words by the same pictographic word-sign as bore their Sumerian sound-values. from which it resulted that the selfsame word-sign in Sumerian syllabic writing usually possesses in the glossaries many different polyglottic (so-called " polyphonous ") values, often half a dozen or more, with no indication as to which was the pure Sumerian (i.e., Aryan) value. Hence Assyriologists in "restoring" the spelling of a Sumerian proper name from its polyglottic syllabic signs into alphabetic spelling, and possessing no clue or notion whatever as to what the real phonetic form of that name was (except in a few instances where the glossaries give an unequivocal spelling), they are in the habit of selecting any one of these totally different phonetic values by mere guesswork, each scholar according to his own individual fancy. As a consequence the names thus coined at random by Assyriologists from the selfsame Sumerian word-signs are as bizarre as they are varied and so often fictitious.

The result of finding such vagaries in the "restored" spelling of the selfsame Sumerian name by Assyriologists and the haphazard cause of the same, is to dissipate all faith in the form of proper names so "restored." For unless the Sumerian syllabic word-sign chances fortunately to possess but one phonetic value, and thus cannot be varied, which is seldom, no confidence whatever can be placed on the form and spelling of the names thus conjecturally restored.

Now, however, this fatal defect in restoring Sumerian proper names of leading kings, priests and gods, is remedied to a great extent by our Indian Epic lists of the Early Aryan kings and dynasties. These place in our hands the traditional official lists of the names of those ancestral Aryan kings and dynasties, who we find were the Sumerian and "Akkad" kings of Early Mesopotamia, with their names in the phonetic form known to and preserved by their lineal Aryan descendants. And these names for the period of these seals, as we shall see, are in substantial agreement with those inscribed on the seals and on their own monuments in Mesopotamia, although in most cases differing widely from those as hitherto conjecturally "restored" by Assyriologists. These Indian Epic king-lists are thus found to provide, as far as they go, a unique and the only known key to the restoration of the proper names and titles of the Sumerian and "Akkad" kings of Mesopotamia.

A striking example of the invaluable practical use of these Indian Epic king-lists in recovering the true and original form of the names and titles of Sumerian kings is furnished by its preservation of the kings' names of the First Dynasty of Phœnicians, which founded the Indus Valley colony and some of whose seals are figured. This dynasty, hitherto considered the first concrete dynasty of the Early Sumerians, and founded by the famous "Ur-Nina," was so great, that its galaxy of inscribed monuments, sculptures, seals and other works of art and craft, and massive buildings, temples and store-houses, unearthed at Telloh ("Lagash"), "the Pompeii of Early Mesopotamian antiquity," by M. de Sarzec during a quarter of a century, from 1877 to 1900, still forms the chief basis of our knowledge of the Early Sumerians. And it is actually taken as such by Professor Langdon in his recent historical sketch of the Sumerians in the Cambridge Ancient History, no further back than in 1923. Nevertheless, a few months later, in the same year, that Assyriologist, on finding a legendary list of Mesopotamian kings written by credulous priests of the petty and supposed alien dynasty at Isin, over a thousand years after the epoch of "Ur Nina," and purporting to give a complete list of the kings with their regnal years back to 241,200 years before the Flood (!), accepts such a semi-fabulous list seriously. in preference to the sober testimony of the contemporary records of the historical Sumerian kings on their own monuments. And, merely because he could not find in this Isin list either the name "Ur Nina," or those of the rest of his dynasty, or indeed of nearly all the other historical Sumerian kings, including the famous and prolific emperor

PREFACE

Gudea, whose existing monuments make up nearly the sumtotal of known Sumerian history, he throws over all these solidly-known historical kings with their monuments, and declares that they were mere impostors in calling themselves "kings" and dynasties—solely because he could not find them in his Isin list! And in this extraordinary conclusion Professor Sayce also has agreed.

But other Assyriologists may now be reassured. That inference from the Isin list is merely "a mare's nest." Not only are "Ur Nina" and his dynasty all there, I find, but they are made even in this Isin list the first of all "human" Sumerian dynasties in Mesopotamia, as we shall find through the Indian king-lists, though their names and titles were not recognized by the professors, mainly through having "restored" the names mostly with the wrong phonetic values. And thus one at least of the several extra thousands of years which these scholars have generously added to the date of the Sumerians in Mesopotamia, before Ur Nina's epoch, on the strength of their reading of this list, has now got to be removed again.

It is far from pleasant for me, indebted as I am for most of my knowledge of "Sumerian" to the labours of a great body of expert scholars, to be forced to expose these serious defects in their methods and theories which stand in the way of recovering true history. But no one should be more aware of the existence of these defects than themselves. And I trust that the means now offered for remedying them will receive that fair and impartial consideration, without which it is idle to hope for any advance in our knowledge of history.

"Sumerian," of course, is not found written on any of these seals, for this is merely another of those misleading labels which Assyriologists have arbitrarily affixed to this Aryan race. It has never once been found employed by these people themselves, nor has the word ever been found in any "Sumerian" inscription or document, yet the public have been led, or rather misled, to believe that it was the genuine name of this pre-eminently civilized ancient Aryan people. Nor is the use by Assyriologists of the associated Semitic name "Akkad" any better. That name they now apply to their hypothetical "Western Semites" (who, we find, were Aryans), and use it to distinguish these from the decidedly non-Semitic "Sumerians"; although some years ago Professor Sayce and others habitually used it in the diametrically opposite sense, applying it to the people whom they now term "Sumerians" and vice versa. That name, however, is merely a Semitic term for the land called by Sumerians Ari-ki or Uri-ki, i.e., "Land of the Ari or Aryans" —a land the exact site of which is not yet known, but which Assyriologists suppose to be in Upper Mesopotamia, because Sargon I, whom they have dubbed a "Western Semite," called his capital "Agade," though he never uses the term "Akkad," nor is it found in the glossaries as a synonym for "Agade."

Among the many Vedic priests and kings whose historic personalities and in part bodily relics, seals and jewellery are thus recovered and identified are Ausija (Kakshivan) Kanwa, possibly Gautam Rishi himself, and certainly "the slave-girl" Usij, the reputed consort of the latter in the epic romance. Among the kings whose historic identities and dates and monuments are now recovered, are Haryas'wa with his father and grandfather, and his descendants of the Pānch-āla or Phœnician Dynasty, including especially Mudgala with his Indus Valley seal and famous stonemaces (?), Badhryas'wa and Dīvo-Dāsa, the emperor Sakuni or Sagara, the priest kings Gādhi, Jamadagni, Sushena and the truculent Parās'u Rāma.

For the Hindus and students of Indian history, civilization and religion therefore, these discoveries must be of especial thrilling interest and importance. They disclose the actual official signets and grave-amulets of several of the most famous Vedic seers and authors of Vedic hymns, and of ancient kings and heroes whose very existence even is denied by European Sanskrit scholars, with the actual tombs of many of them containing their sacred dust. And with these are recovered for the first time the actual dates and reigns in which they lived four to five thousand years ago. We also recover through their identifications the

PREFACE

authentic portraits of many of them from their own contemporary seals and monuments, vividly portraying their features and dress. Some of these portraits are given in the frontispiece and text, and many others in my Origin of the Indo-Aryans. As most of the seals were exhumed from the actual tombs of the saints and heroes named on the seals at their ancient Phœnician Sun-temples, these Indus Valley sites will doubtless now become popular places of Hindu pilgrimage. And it is to be hoped that the priceless seals and historical relics of these illustrious Early Aryan pioneers will be suitably safeguarded.

On the origin of the Brahmanist and Vedic religion also. much fresh historical light is shed by the seals. The early Vedic religion is disclosed as apparently a monotheism with the Sumerian Induru-the Sanskrit Indra-as the "enthroned "Father-god, with his beneficent Sun-angel Vishnu (the so-called Nina of the Assyriologists), who also assumes the dual or twin form of the Nāsatya or Day and Night or "Resurrecting" Sun, who is invoked for Resurrection from the Dead; and it is noteworthy that there is no trace of goddesses. The Sumerian origin and meaning of these god-names, and of the Fish "incarnation" (avatar) of Vishnu are disclosed for the first time-this Fish form of the Sun-angel being also found to be the Sumero-Phœnician source of the names as well as representations of the Greek and Roman sea-god Poseidon or Neptune, the Napat of the Vedas. There is also disclosed the Sumerian origin and meaning of the priestly titles "Brahman" and "Bhrigu"; the concrete evidence for the Kshattriyas or "warrior or ruling caste " having been the first Brahmans; and for the exaltation of the Brahmans to the first caste by Parās'u Rāma with exact dates for these events.

The discoveries herein recorded should therefore appeal to the hearts and stir the religious and patriotic feelings of all educated Hindus who desire to know the first-found scientific proofs for the veracity of their Vedas and Ancient Epics (the Purānas), and to learn that their ancestral Vedic kings and sages were famous historical emperors, kings and priest-kings in Mesopotamia with multitudinous monuments

xiv INDO-SUMERIAN SEALS DECIPHERED

still existing there to the present day. It must also be gratifying to the modern Hindus to find that the Vedic and Epic tradition which their ancestors preserved and handed down through the centuries, and in which they have steadfastly believed, is now proved substantially true, and has become a chief means of identifying as Aryans, the Sumerians, Phœnicians and Britons.

Besides this, it is now proved that the ancient Vedic sages and kings and people wrote and spoke in the "Sumerian" tongue-a language which is now disclosed to be the parent Aryan speech, the parent of the Sanskrit, Hindi, Marāthā, Bengali, and the other Arvan dialects of India, as well as of Europe and especially of the British or "English." Several instances of this are given in these pages, in addition to those in my former work, with reference to critical words incidentally occurring; but from an extensive survey I have found that over fifty per cent. of the basic words in Sanskrit and Hindi as in Old English are clearly derived from the Sumerian. On this account, and also because the vast collection of Sumerian Hymns doubtless contain original versions of many Vedic hymns, it behoves Indianists and Sanskritists, as well as the British to commence the study of "Sumerian," in view of the new vistas thus opened up for Aryans.

For the British people, these discoveries are of prime historical importance as by confirming and further establishing the Aryan and non-Semitic origin of the Phœnicians, and their authorship of the "cup-mark" inscriptions with similar formulas on the tombs of the Early Britons, they confirm the Phœnician ancestry of the Britons as established in my former work. Thus the evidence of these seals gives fresh ground for patriotism in the glory of descent of the Britons from the originators of the Worlds' Higher Civilization, and the foremost adventurous seamen of the Ancient World.

It would be affectation to ignore that in this and in the companion volume on British Origins, led by the new facts, I am in opposition to much of what is held to be, if not established doctrine, at any rate good working theory with

PREFACE

regard to Sumerian, Phœnician, Indian and British history. I am also at variance with both general and expert opinion as regards the nature and causes of the so-called "Higher Civilization." I take the phrase to mean, not, as a visitor to the earth from Mars might suppose, aeroplanes and motors, telephones and wireless, athletics and gambling, trashy books, novels and newspapers, and a religion based largely on myths and réchauffés of the rites and superstitions of savages; but briefly, art, science and a healthy contented populace.

And as regards Origins, I find myself opposed not merely to the theorists who trace most of our culture to Judaism; but also to those who refer it to an effect, manifested rather suddenly some six thousand years ago, of the Egyptian climate on the mixed populations who at that period inhabited the Nile Valley; and also to those who look upon Civilization as arising independently amongst different races at different centres and due to a supposedly widely distributed similar temperamental strain amongst different races reacting in the very same way when exposed to the same circumstances in the early historic and later prehistoric times.

I have great pleasure in acknowledging again my indebtedness to my friend Dr Islay Burns Muirhead, M.A., for helpful criticism and remarks on some of the leading inferences. And I must express my thanks to The Edinburgh Press for the exceptional care they have bestowed on the printing of the book, with its accented oriental names and the detailed footnotes, necessary for the full authentication of the facts.

L. A. WADDELL.

April, 1925.

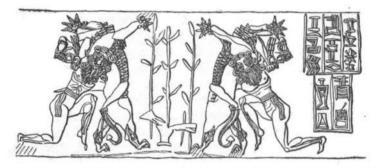


FIG. A.—Izzax (Gis'zax), king of Erek about 3150 B.C., or "'Erakles," father of Uruas' (Sanskrit *Haryas'wa*), "King of Indus Valley" and founder of First Phœnician Dynasty, slaying the Lion.

(From a Sumerian seal of about 2600 B.C. in British Museum.)

Note the trees or reeds of (Nemean?) grove. On right the hero is crushing the lion, and on left is lifting the dead beast. For proofs identifying this Erek King as the Sumerian human source of Hercules of the Phœnicians, Greeks and Romans, see App. V.

CONTENTS

	PAGE
PREFACE	v-xv
chap. 1. Sumerian Origin of the Indo-Aryans and of their Civilization and date of "Invasion"	1–5
2. Sites of the Indo-Sumerian Seals and associated buildings in Indus Valley with their Ancient History :	
Disclosing Place-Names on Seals as Ancient Indus River-ports of Phænicians, and "Indus" origin of name "India"	6–15
3. The Seals, their Stamp Shape and Animal "Symbols" and division into Official Signets and Grave-Amulets	16–22
4. Sumerian Script on Seals: Its general Form and Peculiarities and its Language Aryan	23–26
5. First Series of Indo-Sumerian Hieroglyph Seals (Nos. I. and II.) from Harappa de- ciphered and translated :	
Disclosing their owners as famous Vedic Aryan Fire-priests (AUS'IJA and KANWA) and Harappa as a colony of EDIN, tributary to Sumerian king URUAS' (or "Ur-Nina") of Lagash, and identity of Uruas' and his son A-Madgal with Vedic Aryan HARYAS'WA and MUDGALA of First Panch(-ala) or Phænician Dynasty about 3100 B.C.	27-41
6. Personal Names and Titles of Owners of Seals I. and II.: The Vedic Fire-priests Aus'ija Kakshîvan and Kanwa:	-/
Disclosing also Sumerian origin of Vedic priest titles of "Bhrigu" and "Brahman"	42-47

CHAP.

7. Official Signet Indo-Sumerian Seals from Mohenjo Daro and Harappa deciphered and translated :

> Disclosing Signets of KAN-WE, of Slave-girl Sunpriestess USIZ of Uriki (Vedic Us'ij-Wricaya, wife of owner of Seal I.), S'US'ENA of Gus'a ("S'usin" of Ur and Indian Sushena), TAX minister of SAGUNU of Agdu (Indian Daxa re Sakuni of Ayodhya), SAGARA of Agdu or Sargon I. of Agade, DAMU the Guti or "Goth," etc., etc., and Indian Epic versions of SARGON I., GUDEA, DUNGI and BUR SIN I. and S'USIN of Ur Dynasty.

8. DEATH-AMULET INDO-SUMERIAN SEALS FROM MOHENJO DARO AND HARAPPA DECIPHERED AND TRANSLATED :

> Disclosing owners as Aryan Sumerian Vedic and Indian Epic priests, priestesses and princes; Amulets for Resurrection from the Dead by Sun; Formulas identical with Amorite Phænician "Cup-marked" Inscriptions in Ancient Britain; and Sumerian origin and meaning of Indian Sun-god Vishnu

 Personal, Tribal and Clan Names and Titles on Seals III. to XIX. :

> Disclosing names of famous Vedic and Epic priests, kings, queens and princes, Sargon I. of Agade, S'usin of Ur, etc.; and tribal or clan names A-Mer (Amorite), Ari and Har[-ri] (Aryan), Gad (Phænician), Guti (Goth), Kaz (Kassi), Khaiti (Catti or Hittite) and Saki (Sacae or Saxon?)

99–101

- 10. PLACE-NAMES ON THE INDUS VALLEY SEALS AND THEIR IDENTIFICATION: Disclosing "Edin" as Sumerian city-state on Indus, with capital "Khaitisiga" at Mohenjo Daro: and "Saki-Land" as "S'aka-Land"
 - of the Maga (Magi) Sun-Worshippers . . 102–111

12. HISTORICAL RESULTS AND EFFECTS OF DISCOVERIES 114-122

PAGE

48-76

77-98

CONTENTS

APPENDICES

	PAGE
I. "URUAS' THE KHAD" (OR PHENICIAN) AS PROPER NAME AND TITLE OF THE EARLY SUMERIAN KING "UR-NINA" SO-CALLED, THE FOUNDER OF FIRST PANCH(-ALA) OR PHENICIAN DYNASTY ABOUT 3100 B.C.	
II. THE SO-CALLED "GODDESS NINA" OF ASSYRI- OLOGISTS IS THE SUN-FISH OR RESURRECTING SUN INVOKED IN THE SUMERIAN SEALS OF THE INDUS VALLEY AND VISHNU, THE SEA-GOD POSEIDON OR NEPTUNE (SKT. NAPAT) AND FISH-	
	125–128
III. THE SUN-FISH AS "THE NET OF GOD"	128–129
IV. FIRST PHENICIAN DYNASTY OF URUAS' ("UR NINA") DISCLOSED AS "FIRST EREK DYNASTY" OF ISIN KING-LISTS; AND GIS'ZAX (SKT. CAXUS) OR "GILGAMESH" AS FATHER OF URUAS' (HAR- YAS'WA) ABOUT 3150 B.C.	
V. Izzax, or Gis'zax or "Gilgamesh," King of Erek 3150 b.c., as Sumerian Human Original of Herakles of Phœnicians, Greeks and	
Romans	134-135
Index	137-146
LIST OF ILLUSTRATIONS	xxi–xxii
ABBREVIATIONS FOR CHIEF REFERENCES	xiii–xxiv



FIG. B.—Izzax, king of Erek about 3150 B.C. and father of founder of Indus colony, slaying the Lion and overpowering the mad Bull, disclosing Sumerian historical source of 'Erakles.

(From seal of a "Haryas'wa," about 2600 B.C., in British Museum, W.S.C., 168.)

LIST OF ILLUSTRATIONS

PLAT		
1.	VICTORY SEAL OF (A -)MADGAL (MUDGALA), "LORD OF INDUS VALLEY," SUMERIAN CROWN-PRINCE OF MESOPOTAMIA ABOUT 3070 B.C. (FROM SEAL IN LOUVRE AFTER DELA- PORTE)	piece
	FIGURES IN TEXT	
FIG. A.	IZZAX OR "'ERAKLES," KING OF EREK ABOUT 3150 B.C., FATHER OF URUAS' (SKT. HARVAS'WA), "KING OF INDUS VALLEY" AND FOUNDER OF FIRST PHENICIAN DYNASTY, SLAVING THE LION. (FROM SEAL OF ABOUT 2800 B.C. IN BRITISH MUSEUM, W.S.C. 159)	PAGE XVI
B.		xix
C.	IZZAX, KING OF EREK ABOUT 3150 B.C., CLEANSING THE OXEN, DISCLOSING SUMERIAN SOURCE OF 'ERAKLES CLEANSING AUGEAN STABLES. (FROM SEAL OF ABOUT 2700 B.C., AFTER HEUZEY)	xxiv
Ι.	SUMERIAN SEALS FROM HARAPPA IN UPPER INDUS VALLEY, ACTUAL SIZE. (AFTER CAMBRIDGE ANC. HIST. INDIA)	5
2.	SUMERIAN SIGNET SEALS FROM MOHENJO DARO AND HARAPPA, ACTUAL SIZE. (AFTER SIR J. MARSHALL)	18
3.	SUMERIAN GRAVE OR DEATH-AMULET SEALS FROM MOHENJO DARO AND HARAPPA, ACTUAL SIZE. (AFTER SIR J. MARSHALL)	
4.	SIGNET INSCRIPTION OF As's'ias' (Aus'ija) THE B'RIGU FIRE-	19
5.	PRIEST OF EDIN SEAL OF SEER Mudgala, LORD OF EDIN, MINISTER OF Baram- 'has'a Uruas', KING OF EDIN—THE VEDIC B'army-as'wa Haryas'wa ABOUT 3100 B.C. (AFTER CAT. CYLINDRES ORIENT., MUSÉE DU LOUVRE).	31 35
6.	SIGNET INSCRIPTION OF Kanwa THE "BARAMA" OR BRAHMAN .	40
7.	SIGNET INSCRIPTION OF Kan(-we) PRIEST OF KHAITISIG AT EDIN	49
8.	SIGNET INSCRIPTION OF THE AMORITE SLAVE-GIRL Us'iz OF SUN- TEMPLE AT Uriki	51
9.	Signet Inscription of $S'us'ena$ prince of Edin (or Agdu or S'aki)	57
10.	PARAS'U RAMA AS Buras' Sin I. OF UR DYNASTY	61
II.	SIGNET INSCRIPTION OF Tax (Daksh), MINISTER OF Sirgana OF Agdu (SARGON I. OF AGADE)	65
12.	SIGNET INSCRIPTION OF KING Sagara OF Agdu, AS SARGON I. OF AGADE	69
13.	SIGNET INSCRIPTION OF Damu THE GUTI OR "GOTH," SON OF Dax (Daksh) THE 'HAR(-RI)	71
14.	SIGNET INSCRIPTION OF As's'ias' THE Kaz(-zi) AT EDIN .	73
	SIGNET INSCRIPTION OF Kan(-wa) S'ar OF S'AKI	73
•	SIGNET INSCRIPTION OF S'AR-GAD Gal'ha THE B'RIGU .	74
	SIGNET INSCRIPTION OF S'abtar OF EDIN	75

xxii INDO-SUMERIAN SEALS DECIPHERED

ыс. 18.	Amulet Inscription of Uggu the Gad or Kad or Phœnician	page 81
19.	Sumerian Sun-Fish as Indian Sun-god Vishnu. From an eighteenth-century Indian image. (After Moor) .	83
20.	Pos-eidon of the Greeks as the Sumerian Sun-Fish god Pis or Biesh. From Greek vase painting of fifth century b.c.	85
	Vishnu as Sun-Fish man (S'ukha or Biesh) in Assyrio- Babylonian monuments. (After Layard)	86
22.	SUN-FISH MAN (S'UKHA OR BIESH) BESTOWING THE AMBROSIA OF RESURRECTION AND LIFE IN ASSYRIO-BABYLONIAN MONU-	_
	ments. (After Layard)	87
•	Amulet Inscription of Midas'	89
24.	Amulet Inscription of <i>Uzuas'</i> , the Seer Slave-girl of Temple of the Sun	92
25.	Amulet Inscription of (?) Ukzu of (?) Daras'aki	95
26.	AMULET INSCRIPTION OF Ussa OF EDIN	96
27.	Amulet Inscription of S'abtar of Edin	97
2 8.	Amulet Inscription anonymous	98
29.		119
30.	GIS'ZAX (SKT. CAXUS), FATHER OF IST SUMER KING OF INDUS	,
J	VALLEY, TAMING THE BUFFALO. FROM SEAL OF ABOUT 2800 B.C. (AFTER WARD).	22
31.	URUAS' (SKT. HARYAS'WA), IST SUMER KING OF INDUS VALLEY AND FOUNDER OF FIRST PHœNICIAN DYNASTY, WITH HIS FIVE SONS. FROM HIS VOTIVE LIMESTONE PLAQUE ABOUT 3100 B.C.	
	(After Heuzey, Déc.)	26
32.	KING BIDAS'NADI (BADHRYAS'WA), SON OF MUDGALA AND FATHER OF DIVO DASA, WITH HIS CAPTIVE ENEMIES IN "THE NET OF THE SUN-GOD." FROM HIS VICTORY STELE OF THE VULTURES ABOUT 3020 B.C. (AFTER HEUZEY, Déc.) .	41
33.	GIS'ZAX (CAXUS), SON OF DIRGHA TAMAS AND FATHER OF URUAS' (HARYAS'WA), WATERING BUFFALOES AFTER TAMING THEM. FROM SEAL OF SARGON I, ABOUT 2800 B.C., IN DE CLERCQ COLLECTION	47
34.	PARAS'U RAMA OR BURAS' SIN I, EXTERMINATING THE "SONS" OF KING HARYAS'WA. FROM 18TH CENTURY DRAWING IN MOOR'S Hindoo Pantheon	76
2.5	IZZAX OF EREK SLAVING THE DRAGON. FROM SEAL OF DUKGIN	70
32.	("DUNGI") ABOUT 2400 B.C. (AFTER WARD, 563)	135
36.	IZZAX OF GIS'ZAX OF EREK SLAVING THE LION AND OVERPOWER-	-55
J	ING THE MAD BULL AS 'ERAKLES. FROM SEAL OF A HARYAS'WA OF ADAB ABOUT 2700 B.C. (AFTER BANKS)	135
37.	THE "CENTAUR" EABANI, FRIEND OF IZZAN OF EREK, CARRYING THE "CELTIC" SUN-CROSS STANDARD, AS THE CENTAUR	55
	Phalos, friend of 'Erakles. From Seal in N.Y. Metrop. Museum. (After Ward, 454)	136
38.	IZZAX OF EREN CARRYING A SPIKED "CLUB" AS SUMERIAN	-
-	SOURCE OF 'ERAKLES WITH HIS CLUB. FROM SEAL OF ABOUT	
	2500 B.C. (AFTER HEUZEY AND WARD, 286)	136

MAPS

Ι.	MAP OF INDUS	VALLEY	SHOV	WING "	FIND "	SITES	OF SEALS	•	•	7
II.	MAP SHOWING	RELATIO	N OF	INDUS	VALLEY	у то	HINDUSTA	AN	AND	
	Mesopotami	A.					•	•	facing	32

ERRATA.

p. viii. l. 7 for Mesopotomian read Mesopotamian.p. 26. In Fig. description for Tellsh read Telloh.

p. 51 ll. 7, 16 and 27, and p. 92 for Gim read Gin.

ABBREVIATIONS

FOR CHIEF REFERENCES

- Académie des Inscript. et Belles Lettres, Comptes Rendus, A.I.B. Paris.
- A.R.V.
- A.S.I.
- Hymen des Rig Veda. T. Aufrecht, Bonn, 1877. Archæological Survey Reports of India. Atharva Veda Samhitā. W. D. Whitney, Cambridge, Mass., A.V. U.S.A., 1905. Classified List of Cuneiform Ideographs. R. E. Brunnow,
- B. Leyden, 1889.
- B.D. Brihad-Devatā. A. A. Macdonell, Cambridge, Mass., U.S.A., 1904.
- Buddhist Records of Western World, translated from Chinese B.H.T. of Hiuen Tsiang. S. Beal, 1884. Mammalia of British India. W. T. Blanford, 1891.
- B.I.M.
- Cappadocian Tablets in British Museum. Pt. I., 1921. B.M.C.
- B.W.
- Babylonian Writing. G. A. Barton, Leipzig, 1913. Empire of the Amorites. A. T. Clay, New Haven, U.S.A., 1919. C.A. C.D.N. Documents from Temple Archives of Nippur. A. T. Clay,
- Philadelphia, 1906.
- C.H.I.
- Cambridge History of India, I., 1922. Jātakas transl. by E. B. Cowell, 1895-1913.
- С. J. С.М.С. Mission en Cappadoce. E. Chantre, Paris, 1898.
- Compare.
- Cp. C.T. Cuneiform Texts in British Museum.
- Cylindres Orientaux du Musée du Louvre. L. Delaporte. D.C.O. Librairie Hachette, Paris, 1923.
- D.C.O.(B.) Cylindres Orient. de la Bibliot. Nationale. L. Delaporte, Paris, 1910.
- Déc. Découvertes en Chaldée. E. de Sarzec et L. Heuzey, Paris,
- G.H.V. Hymns of Rig Veda, tr. by R. T. Griffiths, Benares, 1896. Н. Herodotus.
- H.C
- Carchemish. D. Hogarth, 1914. Hittite Seals. D. Hogarth, 1920. H.H.S.
- Indian Antiquary, Bombay. I.A.
- Journal of American Oriental Society, New Haven, U.S.A.
- J.A.O.S. J.A.S.B. Journal Asiatic Society of Bengal, Calcutta.
- Journal Royal Asiatic Society. J.R.A.S.
- Chronicles Early Babylonian Kings. L. W. King, 1907. K.C.B.
- History of Sumer and Akkad. L. W. King, 1916. K.H.S.
- L.N.
- Monuments of Nineveh. A. H. Layard. Sumerian Grammar. S. Langdon, Paris, 1911. L.S.G.
- М. Seltene assyrische Ideogramme. Meissner.
- M.B. Mahā-Bhārata. Calcutta text and English tr. by P. C. Roy (R.), Calcutta, 1893.
- Law Code of Manu. M.C.
- M.D. Dictionary of Assyrian Language. W. Muss-Arnolt, Berlin, 1905.

xxiv INDO-SUMERIAN SEALS DECIPHERED

M.K.I.	Vedic Index. A. A. Macdonell and A. B. Keith, 1912.
M.R.	Report on First Light on a Long Forgotten Civilization, in <i>Illustrated London News</i> , pp. 528 f., Sept. 20, 1924. J. Marshall.
M.V.M.	Vedic Mythology. A. A. Macdonell, 1897.
M.W.D.	Sanskrit Dictionary. M. Monier-Williams, 1899.
P.A.B.	Coins of Cunobelin and Ancient Britain. B. Poste, 1853.
P.I.	Ancient Indian Hist. Tradition. F. E. Pargiter, 1922.
P.S.B.A.	Proc. Society of Biblical Archæology.
R.B.	Early Babylonian History. H. Radau, New York, 1900.
R.I.	Indus Delta Country. Raverty, 1894.
R.V.	Rig Veda.
S.	Sumerian.
S.B.	S'atapatha Brāhmana.
S.D.P.	Délégation en Perse. Mémoires Textes. V. Scheil, Paris,
	1904, etc.
S.H.I.	Early History of India. V. A. Smith, 1908.
Skt.	Sanskrit.
St.	Strabo.
T.D.	Recherches sur l'origine de l'Ecriture Cunéiforme. F. Thureau- Dangin, Paris, 1898-9.
T.D.I.	Les Inscriptions Sumer et d'Akkad. F. Thureau-Dangin, Paris,
	1905.
Va.	Vayu Purāna.
V.D.	Icelandic-English Dictionary. G. Vigfusson, 1874.
V.N .	Voyage of Nearchus. W. Vincent, 1797.
W.B.T.	The Buddhism of Tibet. L. A. Waddell, 1895.
W.E.P.	Excavations at Pataliputra (Patna). L. A. Waddell, Calcutta,
10 U.S.	1903.
W.H.	Empire of the Hittites. W. Wright, 1886.
W.P.O.B.	Phœnician Origin of the Britons, Scots, and Anglo-Saxons. L. A. Waddell, 1924.
W.S.C.	Seal Cylinders of W. Asia. W. H. Ward, Washington, 1900.
W.V.P.	Vishnu Purāna, tr. by H. H. Wilson, ed. F. Hall, 1864-70.

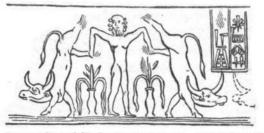


FIG. C.—Izzax, king of Erek about 3150 B.C., and father of Phœnician founder of Indus colony, cleansing the Oxen, disclosing Sumerian historical source of 'Erakles cleansing the Augean stables.

(From seal of about 2700 B.C., after Heuzey, W.S.C., 203.)

Note the *two* streams of water from spouting vase, representing the two rivers of the Greek legend (?). For details of identity see App. V.

THE

INDO-SUMERIAN SEALS DECIPHERED

Ι

Sumerian Origin of the Indo-Aryans and of their Civilization and Date of "Invasion"

"The historian's duty is to separate the true from the false, the certain from the uncertain, and the doubtful from that which cannot be accepted."— Goethe, *Maxims*, No. 453.

IN my recent book on "The Phœnician Origin of the Britons, Scots and Anglo-Saxons," I established by a mass of new historical evidence the unsuspected facts that the "Sumerians" were the long lost Early Aryans in race, speech and script; that their chief seafaring and colonizing branch was the Hitto-Phœnician, including the Amorites and Kassi or Cassi; and that the Indo-Aryans who conquered, colonized and civilized India, as well as the Western branch of Aryans who colonized and civilized the Mediterranean, North-west Europe and the British Isles, were those leading sea-going branches of the Aryan Sumerians.

These conclusions are now dramatically confirmed, as regards India, by the discovery in the Indus Valley of a large number of ancient seals inscribed with Sumerian writing and associated with buildings and cultural objects of Sumerian and Phœnician type.

At the time of writing the above-cited book, no inscribed monuments or documents or cultural objects of a higher

A

civilization had been found in any part of the Indian continent which could be dated before the fifth century B.C. Thus, in summarizing the results of archæological exploration in India, I wrote "nothing whatever of traces of civilization (*i.e.*, the higher civilization), apart from the rude Stone Circles, has ever been found by the scientifically-equipped Indian Archæological Survey Department in their more or less exhaustive excavations on the oldest reputed sites down to the virgin soil, during over half a century, which can be specifically dated to before 600 B.C."¹ At the same time, I drew attention to the evidence of a former Early Aryan Phœnician or "Amorite" presence in Non-Gangetic India, in the "prehistoric" Stone Circles which stand at the ancient mine-workings in the Deccan and *in the Upper Indus* Valley.³

This was written to explain the significant fact that in the Gangetic Valley—that is in the traditional centre of "*The* India" of the Brahmans with the Hindu Holy Land *par* excellence—Aryan Civilization of precisely the same kind which has persisted in that land down to modern times suddenly appears in fully fledged form about 650 B.C., in the pages of Brahmanist Epics and Buddhist literature, thus suggesting that the so-called "Aryan Invasion of India" with its permanent occupation, colonization and systematic civilization of the heart of India, *i.e.*, the Ganges Valley or Hindustan, occurred at or about that epoch.

It was also to explain the other significant facts which I had elicited, that the Early Aryan kings of the Indian Vedas and the "Ancient Epics" (Purānas) with their multitudinous King-lists and Ancient Dynasties, reigned not in India as was supposed but in Mesopotamia and Syria-Phænicia or Hittite Asia Minor, and were identical in names, successive order and exploits with well-known historical kings and emperors of the Sumerians and Hittites

¹ W.P.O.B., 15. ²

² Ib., 218, 223.

SUMERIAN ORIGIN OF THE INDO-ARYANS 3

in Mesopotamia, Syria and Asia Minor, whose original inscribed monuments and official records still exist there and in the museums of Europe in vast numbers to the present day. It thus explained how the language and religion of the Indo-Aryans were, as I had elicited, radically identical with those of the Sumerians and Hitto-Phœnicians.

It moreover explained the direct connecting link which I had found, namely that the first semi-historical king of India, with his "Syria-Phœnician" followers, and his capital near Delhi in the Ganges Valley, under whom the first partition of India traditionally took place in the post-Vedic period, at the time of the Mahā-Bhārata War about 650 B.C., was the Bharat Khattiyo king Dhrita-rashtra, the last Arvan king mentioned in the Vedas, and who is shown in the detailed Indian Epic King-lists to be descended from those Early Aryan kings now found to be Sumerians. And he was the Son of the Khattiyo "Wicitra-the hero" (Vicitra-virya) who, I found, was identical with, and had the same predecessors as, the Khatti (or "Hittite") king Wi-sidi(ri) who was the last Hittite king of Carchemish in Upper Mesopotamia, and slain by the Semitic Assyrian king Sargon II in 718 B.C. All this indicated that while the Indo-Aryans were directly descended from the Sumerians, the so-called "Great Aryan Invasion of India," i.e., of the Ganges Valley, occurred no earlier than about 700 B.C., and in the post-Vedic period.

After the MS. of that book was completed and ready for the press, I observed that two ancient seals were reported in 1922 as having been unearthed at Harappa on a chief tributary of the Indus above Mooltan, and inscribed in an "unknown pictographic script."¹ On seeing the photographs of these seals (see Fig. I), I at once recognized the script as Sumerian and deciphered the inscriptions (see decipherment and translations at pp. 3I, 40 f.) But as these seals related to the

¹ C.H.I., 617-8.

4 INDO-SUMERIAN SEALS DECIPHERED

Indus Valley on the extreme western border of India, and not to the Ganges Valley, the reputed traditional centre of "Ancient Indian Civilization," and were merely "said to be found "at Harappa, and thus might have been brought there from Mesopotamia or Asia Minor, and as "The Land of Edin" mentioned in one of them was wholly unknown to Assyriologists, I did not notice these seals in that work which had already greatly outgrown its original dimensions and scope.

Even now, after deciphering these two seals, as well as the numerous others bearing this same Sumerian script, which were subsequently unearthed at Harappa and at another site on the Lower Indus, from the actual buildings and graves of their authors, and associated with many cultural objects of a Sumerian type, we shall find that although these seals, etc., contribute priceless concrete testimony to the former early presence of Sumerians in the Indus Valley, and identify them with Vedic Aryans, and attest their possession of riverports or stations in the Indus Valley for nearly a thousand years, still in the absence of such finds elsewhere in India. and in the Ganges Valley in particular, they do not necessarily imply that these Early Sumerians of the Indus Valley were members or descendants of what is generally called "The Aryan Invasion of India "-that invasion which suddenly appeared and annexed and *permanently* ruled, colonized and civilized the whole of India, and in particular the Ganges Valley or Hindustan.

On the contrary, these Early Sumerians in the Indus Valley appear from the testimony of their own seals, etc. to have been merely an early temporary wave of Sumerian (*i.e.*, Vedic Aryan) seafaring traders who penetrated to the Indus Valley, and holding it as a colony of Mesopotamia settled there for several centuries accompanied by their families and family priests. They seem to have been an advanceguard, but transient, of the same Aryan Sumerian race

DATE OF "ARYAN INVASION" OF INDIA 5

which eventually came in greater force, overland through Persia from Upper Mesopotamia, Media and Asia Minor, and making their headquarters in the Ganges Valley permanently annexed and civilized India as the great so-

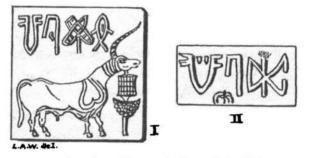


FIG. 1.—Sumerian Seals from Harappa in Upper Indus Valley (actual size). (After Camb. Anc. Hist. India.)¹

called "Aryan Invasion of India." They thus appear to afford an early instance of that peaceful penetration by seafaring Aryan merchants—a process not unknown in modern times—which after many centuries ultimately led up to the great "Aryan Invasion of India" by a later branch of the same "Sumerian" race, presumably about 700 B.C.

¹ C.H.I., pl. xi., 22-3.

Sites of the Indo-Sumerian Seals and associated buildings, etc., in Indus Valley with their Ancient History

Disclosing Place-Names on Seals as Ancient Indus River-ports of Phænicians; and "Indus" origin of name "India."

THE site where the first two "Sumerian" seals were "said to be" found is at Harappa,¹ above Mooltan, in the Montgomery District of the Panjab, on the left bank of the Ravi River, at or near an old junction with the Bias tributary of the Indus (see sketch-map). Other seals of the same type were subsequently unearthed during the excavation of the foundations of the Buddhist ruins surmounting the old site at Harappa by Mr. D. R. Sahni of the Indian Archæological Survey; and the remainder by Mr. R. D. Banerji of the same department in excavating the foundations of the Buddhist ruins at Mohenjo Daro,² on the Lower Indus, in the Larkhana District of Sind, about 190 miles above the modern seaport of Karachi in the delta of the Indus (see map).

Now it is of immense importance for us to examine the ancient history and topography of these two sites, as far as is known, in some detail, especially as I find that the place-name inscribed on most of these Sumerian seals preserves the original name of the ancient seaport and city-state of the Lower Indus, the name of which survived there down to the

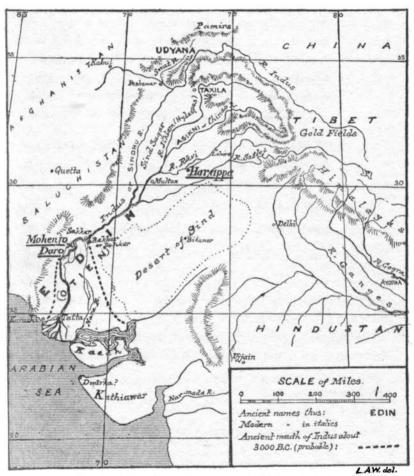
¹ C.H.I., 111.

² M.R., 528.

п

FIND-SITES OF INDO-SUMERIAN SEALS

seventh century of the Christian era. There is the further interest that one, if not both, of these sites stand upon the classic route of Alexander, in his retreat down the Indus



Map of Indus Valley, showing "Find" sites of Seals.

from its tributary Jhelam (Hydaspes), from his attempted conquest of India 326-325 B.C. And Alexander's historians have recorded many important details regarding the places and tribes in the neighbourhood of both these sites.

7

8 INDO-SUMERIAN SEALS DECIPHERED

At the outset, it is noteworthy that the Indus Valley, which is referred to several times in the Vedic hymns as exploited by Early Aryan Marutas (or Amorites)¹ and Krivi (or Syrio-Phœnicians)^a for its gold-dust and drugs, etc., was apparently until Alexander's invasion the sole "India" known to the early Greeks and the Persians.⁸ And our modern name of "India" is derived from the name of the Indus River, the extension of that name to the Ganges Valley being post-Alexandrine, and its extension to the southern part of that peninsula of still much later date.

The Indus, under the name of Sindhu, is repeatedly mentioned in the Vedas as an especial abode of the Maruta (or Amorites) 4 " who rise from the sea, who abide in the sea." Thus the Maruta are invoked :

"So let not . . . Sindhu hold you back."

And they were defenders there of the Krivi (the Syrio-Phœnicians) :

"The Maruta are victorious and guard the Sindhu well, And succour the Krivi in his need." 6

The Maruts also brought healing remedies from the Indus Valley and its upper tributary the Asikni (the Akesines of

¹ On Maruta of Sanskrit as the Sumerian Maruta or "Amorite" see my

W.P.O.B., 216, 243, etc. ² On Krivi and Kuru-Panch-āla as "Syrio-Phœnician" ib., 12, 13, 188, etc.

⁸ H., 3, 98 f.; 4-44. Alexander, who never penetrated to the Ganges Valley, probably heard during his expedition of that richer and more populous valley; for his eastern satrap and successor Seleukos Nikator sent his ambassador Megasthenes to the court of the Indian emperor (Asoka's grandfather) at Pataliputra, the modern Patna (see W.E.P., 4 f.), and Megasthenes first describes the Ganges Valley to the Greeks.

and Megasthenes first describes the Ganges Valley to the Greeks. ⁴ See W.P.O.B., 216, 243, 343. ⁵ R.V., 5, 53-9, after G.H.V. The other rivers named here before Sindhu, namely Rasā, Kurmu, Anitabhā and Kubhā, are supposed to be tributaries of the Upper Indus, and Kubhā is supposed to be the Kophen or Cabul river, cp. G.H.V., 1, 522. In this latter location is a stone circle generally resembling the Keswick Circle on West-Mor-land border, and I have adduced a mass of evidence showing that these solar monuments were erected by Morites or Amorites. (W.P.O.B., 216 f.) ⁶ R V 8, 20 24

• R.V., 8, 20, 24.

Alexander), the modern Chenab, which appears to have probably joined the Ravi in ancient times near Harappa :

"Maruta!... bring us what balm soever Sindhu or Asikni hath, Or mountain or the seas contain."¹

The Maruts were clothed "in robes of wool,"² that is precisely as the Early Sumerians are clad in their contemporary sculptured representations and seals in Mesopotamia. And as confirming these Vedic records, we shall find that more than one of those Indo-Sumerian seals from the Indus Valley are inscribed by "Maruta" (or Mer or Muru, i.e., Amorites).

The Indus or Sindhu River was also an especial haunt of the "Horsemen of the Sun" (the Aswin of the Sanskrit, figured and named on the Catti coins of Early Britain)³ and as a pair they called Nāsatya in Sanskrit, and Nassāti of the Khatti, Catti or Hittites; and this pair is actually invoked in these seals. They were associates of the Maruts, and were the especial patrons of the Sun-worshipping Panch(-āla) or Phœnicians.⁴ They are thus celebrated in the Vedas:

> "This river with his lucid flow attracts you More than all the other streams— Even Sindhu with his path of gold."⁵

Here " path of gold " appears to refer to the famous gold-dust of the Indus Valley sands referred to by Herodotus, Strubo, etc., see later; and the Maruts are constantly celebrated in the Vedas as " the bestowers of gold to the Aryans."

The Indus River with its vast stretches of sandy desert plain and sparse population, was nevertheless the source of the modern name "India." The name, "India," arose through the Greek version of the corrupt Persian name of "Hindu" for the Sanskrit "Sindhu," a name literally

 ¹ R.V., 8, 20, 25.
 2 Ib., 5, 52-9.
 3 W.P.O.B., 58-9, 285-6.

 4 See previous note.
 5 R.N., 8-26, 18.

⁶ The famous Chinese Buddhist pilgrim and geographer, Hiuen Tsiang, in the seventh century A.D., records that the name "India was anciently called Shintu." B.H.T., 1-69.

meaning "The Ocean," with reference presumably to the wideness of its water in many of its reaches. The Greeks hellenized the Persian "Hindu" into "Indos," the Roman "Indus," whence our English "India."

The name "India" (or Sindhu) for the land now so called, or any part of it, is entirely unknown in the Vedas and Indian epics. That country is called from post-Vedic to modern times in Brahmanist literature "The Land of the B'arats" (B'arat-varsha), a name synonymous with "Barat-ana" or "Land of the Barats," which I have proved to be the original form of the name "Brit-ain," 1 as given to Albion about 1100 B.C., by the western seafaring branch of the same Arvan Sumerian or Phœnician race of Barats, as the Eastern B'arats who civilized India of the Ganges Valley, and of the same Aryan Barat seafaring race as these "Sumerians" of the Indus Valley.

Why the ancient seaport of the Indus comes in modern times to lie so far inland, is to be explained by what is known regarding the rapid growth of the Indus delta, through the vast amount of silt and sand deposit brought down by that great river. The seaport of the Indus delta of Alexander's day, Patala, now lies some sixty miles inland owing to the modern advance of the delta.² The deposit brought down by the mighty Indus River into the Arabian Sea is probably much greater than that brought down into the Persian Gulf by the united Euphrates and Tigris rivers, the joint delta of which the latter is known to have extended southwards nearly 200 miles since about 3000 B.C., leaving the old famous Sumerian or Phœnician seaport of Lagash (or Sirlapur) nearly 200 miles inland, from the modern head of the Persian Gulf³ (see map 2, p. 32).

Similarly, the present-day location of Mohenjo Daro so far inland as about 190 miles from the Arabian Sea coast

¹ W.P.O.B., 52, 65, 142, 168 f. ⁸ S.H.I., 101, and R.I., 129 f. ⁸ See W.P.O.B., 263, etc. On delta formation in Orissa see my art. J.A.S.B.Proc., Dec. 1892.

MOHENJO DARO, ANCIENT PHŒNICIAN PORT 11

may be thus accounted for. The precise position of Mohenjo Daro is unfortunately not shown even on the most recent maps of the Indian Trigonometrical Survey, unless it be "Mayhunjo Bohun" or "Mohana Dhora" in the southeast corner of the Larkhana district, and now on the island east of the main channel of the present-day Indus. But the official statement that the chief Mohenjo Daro foundations stand on the loop of islands with ancient remains in the Indus here-below the old site generally known as "Behker "1-fixes its situation sufficiently for the present. Having personally only passed along the Indus bank in this district and Harappa by the train some years ago, I have gathered the additional details in the following general account of these neighbourhoods and their topography from a study of the survey maps and from classic and other references.

Mohenjo Daro stands upon what seems to have been an early arm of the sea, in series with the still existing manybranched, land-locked arms of the sea extending over 300 miles inland in the Runn of Cutch, in the eastern portion of the vast Indus delta. Indeed, the second part of its name, *Daro*, appears to me to be the Indo-Persian *Darya* "the sea or water," a name which I have shown is derived from the Sumerian *Duru* "the sea or water," and disclosed to be the Sumerian source of the second part of the Aryan and Hittite god-name "In-*dara*" (the "Indra" of the Sanskrit), and of the Sanskrit *Dara* a "stream," the Greek '*Udor*, and the Cymric *Dwr* "water."^a Thus the name Mohenjo-Daro appears to have meant "Mohenjo-on-Sea." In strict series with this nomenclature we find that the Indus riparian district immediately adjoining Larkhana on the

 $^{^1}$ V.N., map, p. 67, etc. The latitude of Behker according to D'Anville is $27^\circ12$; but Mohana Dhora is $27^\circ28$ on the modern Indian Atlas Sheet No. 9.

No. 9. ⁹ W.P.O.B., 323 f. On Sanskrit *Dara* or stream, cp. M.W.D., 470, which name is probably preserved in *Tari* "a boat" and *Tarsha* "ocean" (M.W.D., 439).

south is named "Lab-Darya," i.e., "Lab-on-the-Sea." On the name Mohenjo, see later.

As evidencing the great depression in the basin of the Indus which still exists at Mohenjo Daro, we find that the Indus divides above that site into several branches, the outermost of which flowing twenty to thirty miles apart, unite again about eighty miles below and enclose several flat islands between their shifting channels. And significantly it is a point immediately above this depressed area of alluvium at the head of the old Indus delta, at Sukker, which has been selected for the building of the great barrage across the Indus, by which it is hoped this tract as well as the lower sterile delta will be converted into a rich oasis of cultivation, just as the Nile barrage has done for Lower Egypt.

It is on one of these large alluvial islands, at Mohenjo Daro, that the prehistoric buildings stand (surmounted by the later Buddhist monuments and monasteries of the Indo-Scythians), which have yielded these "Sumerian" seals, etc. Thus for several months of the year during the floodseason the river here doubtless still presents the appearance of a great inland sea, studded with islets, as oases in the sandy desert of the Lower Indus. But owing to the immense amount of sand deposited by the Indus, and the raising thereby of the level of its bed and of the delta, the tides are said to penetrate now no further inland than about sixty-five miles from the sea.

Significantly, this island location for the dwellings of the community who made and inscribed these seals, is precisely the position which was usually chosen for defensive purposes by the seafaring Phœnicians in selecting their trading-stations in a foreign country,¹ and such a trading-station and colony this evidently was, about 1400 miles distant from the

¹ W.P.O.B., 164, etc. Only latterly, after they had established firm relations with the natives, do the Phœnicians seem to have extended their buildings to the mainland.

HARAPPA, AN UP-COUNTRY PHŒNICIAN PORT 13

old Sumerian or Phœnician seaport in the Persian Gulf (see sketch map 2). Moreover, it is significant to find, from the accounts of Alexander's historians, that in this neighbourhood were gold and silver mines, that is to say the very spot usually selected by the Early Phœnician mariners for their trading-stations near the coast.

The identity of the ancient name for this site at Mohenio Daro with that found inscribed on the "Sumerian" seals unearthed there and at Harappa, is described in detail in a subsequent chapter (Chap. V.).

The Harappa site also, about 380 miles higher up the river and about 600 feet above sea-level, and the antiquity of which is attested, besides the seals, etc., by its great Buddhist monuments of King Asoka and the Indo-Scythians, stands on the left bank of the Ravi River, amidst a network of the dead channels of the Chenab, Bias and Sutlei tributaries of the Indus. The vast sea-like plain here is deeply scored by the dead channels of these ever-shifting great rivers which mostly arise in Tibet, like the main stream of the Indus And along the banks of the Ravi and Sutlei to itself. the great break in the Himalayan range, led and still lead the caravan-routes to the ancient gold-fields of Tibet. famous for their "gold-digging ants" of Herodotus and Strabo ¹-these ants, however, having a very matter of fact basis.² The relationship of Harappa to the dead channels of these old rivers is indicated in the survey-map. And it was doubtless an old confluence of two, if not three, of these old rivers that would be selected as an up-country tradingstation by the early Sumerian or Phœnician merchants in their exploitation of the gold and turquoise industry of Tibet.

¹ H., 3, 98, 102-6. St. 15, 1, 44. ³ The gold-digging "ants" (myrmeces) are described by Strabo as having "skins as large as leopards." They were evidently the large Tibetan rabbit-like marmots, which burrowed in the auriferous sand and brought gold to the surface. On my visit to the source of the Sutlej at the Mana-sarowar Lake at Mt. Kailas in Tibet in 1900, I observed how numerous were the marmote and their however on the plateau come of the surface disc the marmots and their burrows on the plateau, some of the animals standing nearly two feet high.

The ancient buildings at those two sites erected by the people of the community which owned these "Sumerian" seals and now surmounted by later Buddhist buildings are briefly described in the preliminary report, above mentioned, which supplies the following amongst other particulars.

At each of these sites, we are informed " there is a vast expanse of artificial mounds evidently covering the remains of once flourishing cities, which to judge from the mass of accumulated debris rising as high as sixty feet above the level of the plain, must have been in existence for many hundreds of years. . . At Mohenjo Daro the main street of the old city can still be discerned as a broad highway running from the south bank of the river toward the south-east, with houses fringing it on either side. What is surmised by the discoverer, Mr. Banerji, to have been the royal palace, stood at the point where the road emerged on to the quays of the river-side."

"Opposite to it, in the now dry bed of the river, are several islands from which rose the principal shrines of the city, the highest, and no doubt, the chief of them all being a massive Buddhist *stupa* raised on a high oblong platform, and surrounded by subsidiary shrines and monastic quarters." And it was under the foundations of these later Buddhist buildings on the islands where the seals were unearthed. "These (Buddhist) remains (at Mohenjo Daro) belong to about the second century A.D., when the Kushans were paramount in north-west India."¹

The ancient buildings of the "Sumerians" at the island opposite the hamlet of Mohenjo Daro, lying below these later Buddhist buildings are thus described. "Deep down below the Buddhist monuments described above, or at other parts of the site appearing close to the surface itself, there are at least two other strata of buildings belonging to much earlier epochs and containing a variety of brick structures—

SUMERIAN BUILDINGS IN INDUS VALLEY 15

the character and antiquity of which can only be surmised. Among these older structures one group is especially worthy of mention. Besides various halls and passages and chambers it includes a massive structure, apparently a shrine with walls seven or eight feet thick, pierced by several *conduits*. . . In another part of the same group is what appears to be an altar of small *glazed* bricks, and provided with a drain of similar brickwork."¹

At the Harappa site, "Mr. Daya Ram Sahni's excavations disclosed as many as seven or eight successive levels, demonstrating the long and continuous occupation of the site during many hundreds of years prior to third century B.C. (Stupa of Asoka). And throughout most, if not all, of this long period, burnt brick of a good quality was used for building purposes. . . . The smaller antiquities are generally identical in character with those from Mohenio Daro. These smaller antiquities from the two sites comprise new varieties of potteries, both painted and plain, some fashioned by hand and some turned on the wheel, terra-cottas, toys, bangles of blue glass paste and shell, new types of coins or tokens. knives and cores of chert, dice and chess-men, a remarkable series of stone-rings, and most important of all, a number of engraved and inscribed seals-in an unknown pictographic script. Iron does not occur at all, except in the later deposits, and metal objects of any kind are scarce, particularly at Harappa." •

These seals with their Sumerian inscriptions we now describe and decipher in the next chapters.

¹ M.R., 528.

¹ Ib., 528. For photographic illustrations of many of these objects and excavated buildings, see *Illustrated London News*, Sept. 20, 1924.

The Seals, their Stamp Shape and Animal "Symbols" and division into Official Signets and Grave-Amulets

THESE Indus Valley seals (see Figs. 1-3) significantly are not in the form of cylinders, or small rollers, such as were ordinarily used in Mesopotamia from the Sumerian period downwards for impressing signatures, by rolling upon, clay tablets. They are all, on the contrary, in the form of flatfaced, squarish or oblong signets for stamping with ink on parchment; and are thus stamp-seals, such as are found only occasionally in Early Mesopotamia and Susiana (now usually called "Elam") in the eastern arm of the Mesopotamian delta and its upland district, though more common in Cappadocia-Cilicia of the Hittites. This flat shape implies that the people using these seals were accustomed to write upon parchment and not upon clay tablets, as in Mesopotamia and Susiana. And parchment, as Herodotus tells us, was the immemorial writing medium of the Aryan Getæ or Scyths of Asia Minor, who I have proved to be the Khatti. Xatti or Hittites.1

Stamp-seals when found amongst the Sumerians of Mesopotamia are mostly circular or oval, though sometimes squarish or oblong like the Indus Valley seals. The latter shape is more frequent amongst the Hittites,^a and also found to a less extent amongst the Susians, Cypriote

> ¹ W.P.O.B., 34 f. ² C.M.C., 150–163. H.H.S., pl. v., vii., ix., x.

\mathbf{III}

Phœnicians and Kassis,¹ whom I have proved to be Arvan in race.^a And, like the stamp-seals of the Sumerians, Hittites, Phœnicians and Kassi, these Indus Valley seals have a projecting knob on the back as a handle, which is usually pierced by a hole for suspension as pendant signets, or for use as amulets or charms and grave-amulets.³

The materials on which these seals are engraved are, we are told, "steatite, ivory, stone and paste." * They thus resemble those of the Sumerians. Hittites, etc. The engraving is executed in intaglio, with a technique much superior to and obviously of later date than, the archaic forms of the Sumerian word-signs inscribed thereon would lead one otherwise to suppose.

The seals are broadly of two classes, as we find by their inscriptions, namely, official and personal signets (of Aryan rulers or governors, ambassadors, ladies and priests), and grave or death-amulets of some of these and others of the same Arvan people. And significantly the inscription formulas on most of these amulets are couched in the identical form and words used in Hitto-Sumerian and Phœnician amulets, and as in the cup-marked inscriptions on the " prehistoric " tombs of Early Britain.⁵

The large bovine animals, the so-called "Bulls and Unicorns of the report " " figured prominently on most of these seals (see Figs. 1, 2, 3, etc.), we shall find are not employed as mere extra or religious or ornamental images, but as Sumerian pictographic word-signs with their Sumerian word-values, as component parts of the spelling of the placenames in the inscriptions.

The reason why the pictograph of the Ox came to be used in these seals as the basis of all the place-names recorded

<sup>Stamp seals are also occasionally found amongst Assyrians and Medo-Persians, W.S.C., 2 f.; and amongst Susians (see later).
W.P.O.B., 32 f., 47 f., 211 f., etc.</sup> *W.P.O.B.*, 238 f. In Egypt, in scaraboid form, the stamp seals are chiefly used as amulets—see Petrie on "Amulets."
M.R., 528.
See W.P.O.B., 237 f.
M.R., 528.

therein, is now seen to be obviously because in this early stage of Aryan or "Sumerian" society, although the pastoral

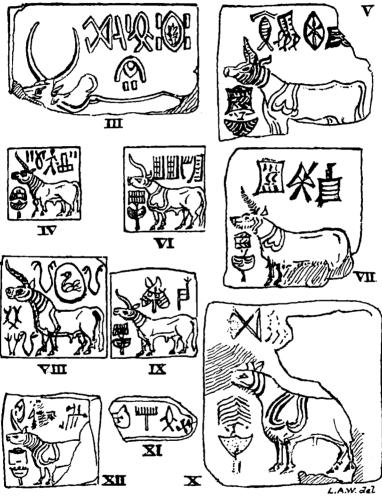


FIG. 2.—Sumerian Signet Seals from Mohenjo Daro and Harappa (actual size). (After Sir J. Marshall.)¹

stage had long been supplemented by the agricultural and industrial stage, cattle still formed the chief wealth of the 1 M.R., 532.

Aryans in their settlements; and they continued to be the chief wealth of the Aryans, as we know, down to the classic Greek period, when the bartered price of valuable articles was expressed in terms of so many cattle.

The vast size of the herds of cattle at these Early Aryan settlements may be gathered from the statement of one

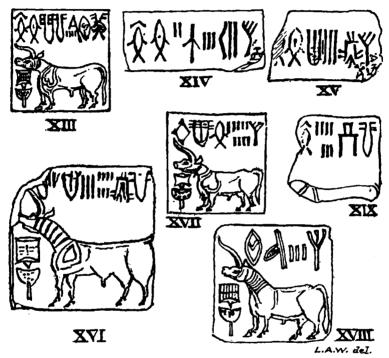


FIG. 3.—Grave or Death-Amulet Seals from Mohenjo Daro and Harappa (actual size). (After Sir J. Marshall.)¹

of the owners of these seals (No. I.), who boasts that he possessed "sixty thousand kine" in the Sindhu Valley (see later), thus far surpassing the herd in the stable of Augeias (3000), which has been deemed an exaggeration or fabulous.

Thus these Early Aryans or Sumerians at this period, about 3100 B.C. and later, appear to have regarded the idea ¹ M.R., 532. of Cattle, with the addition of the word-sign for "land" or "fort," as the best ideogram to express the basis of their name for "town " or " settlement " or " dwelling." Hence the Sumerian name for "Ox " or "Cow," we shall find, also means "dwelling-place." This Sumerian word Gu or Ga for "Cow" on the seals, is now disclosed as the source of the Sanskrit Go, and of the English "Cow" and Scottish "Coo" and "Kye"; and as the source of the Sanskrit Ga, "abiding in," the old Indian Pali Gā(-mo) for "town," and it survives as the common modern Indo-Persian Ga(n)w"town " or " village," the Asia Minor Koi; and as Gow or Cu it was applied by the early Brito-Phœnicians as the suffix to their chief towns in Ancient Britain, e.g., Cads-cu, Glas-gow, Linlith-gow, etc.¹ And this fact, now supported by these seals, offers important confirmation of the Sumero-Phœnician origin of the Britons.

The variety of cattle figured on these Indus Valley Sumerian seals are of great historical and economic interest, for this early period of about 3100 B.C. in regard to the early domestication of cattle. The cattle portrayed, and all of which face towards the right hand, i.e., towards the West or sunset, comprise respectively the Water Buffalo (Bos bubalis), the humped "Indian "Bull (Bos indicus), and also probably the Goat or Deer-antelope-all of which are freely figured on Sumerian, Hitto-Phœnician and Kassi seals as sacred animals of the Aryan cultivators. The transverse bands on the neck of most of them appear to represent the necklet which sometimes adorns the sacred animal on Hitto-Sumerian. Elamite and Assyrian seals.^a

The Water Buffalo here is especially interesting, not only from its being in those early days presumably indigenous to the lower Indus Valley, and possibly giving its name to the chief city, as we shall see; but also because its use on

¹ W.P.O.B., 78, 308. ^a See W.P.O.B., 334, Fig. 59. For necklaced bull on Elam seals, see D.C.O.(L.)I.S., 468, 496; Assyrian D.C.O.(B.), 304.

these seals as a word-sign identifies for the first time the original form of a Sumerian diagrammatic word-sign of which the original hieroglyphic object represented has been unknown to Assyriologists.

That the animal in question is a Water Buffalo (see Figs. 1, 2, 3, etc.) is indicated not only by its heavy bovine form and wrinkled hide, but more especially by the crossed ribbing and wide curvature of its horns, the horns of all other bovines being smooth. The head is lifted higher than in the usual Buffalo habit ; but this seems owing to the exigency of finding room underneath the head for the associated group of a bulky compound word-sign.

The Buffalo was well known to the Early Sumerians in Mesopotamia, and is figured in the seal of Sargon I. (about 2800 B.C.), and earlier; although modern zoologists believe that it is indigenous only to the Ganges and Brahmaputra Valleys and Indo-Malava. It is represented by these writers to be unknown in a wild state in Western India, including the Indus Valley.1 From its extensive representation, however, on these Sumerian seals, it would appear that in those early days it also had its home amid the rank, reedy growth of the water-logged, swampy banks of the But in early seals the buffalo is figured Lower Indus. as being tamed by the father of the king who founded the Indus colony (see Fig. 30, p. 22).

The humped Bull, commonly known as the "Indian" humped Bull or Zebu, appears to be figured on Seal No. III. (Fig. 2), as evidenced by the hump, with corresponding depression at its base, and the shape and curvature and smoothness of its horns. Although nowadays called "Indian," it is believed to be of Libyan or African origin.³ and it was a sacred plough animal of the Sumerians and Kassis in Mesopotamia as attested by its representation on their sacred seals.[•] The

¹ B.M.I., 492. ² Ib., 484. ³ See W.P.O.B., Fig. 12 (p. 49); D.C.O. ii., A. 26; in Elam, ib., S. 199, 204; in Ancient Persian, ib., A. 791.

animal figured on Seal No. XVI. (Fig. 3) is probably a Goat or Deer-antelope.

We now see more clearly than before how the Bull came to be regarded by the Early Sumerians or Arvans as sacred. Cattle forming the chief wealth, and yielding by their milk and butter a chief supply of food, and being as we find from the Early Sumerian seals the sole plough-animals, not to speak of their source of meat supply and the economic value of their hides and horns, the Bull as representing the herd came early to be considered sacred and associated with the Father-god Induru or Indara. Thus we find the latter even on the archaic Sumerian seals represented as wearing Bull's horns on his hat,¹ and pictured as attended by a Bull,² and in the Early Sumerian hymns Induru is called "The Bull of Heaven," just as Indra is called in the Vedic hymns. Similarly, too, Indara's archangel and his Sun when pictured in human form also wear Bull's horns on their hat; and his votaries or chosen people as "The Sons of Heaven" also are pictured therein as wearing these Bull's horns and at times Goat's horns, which latter Indara also wears sometimes. And this is the Sumerian origin, as I have shown, of the horned head-dress worn by our Aryan ancestors, the Goths, Ancient Britons and Anglo-Saxons.*



FIG. 30.—Gis'zax (Skt. Caxus), father of first Sumer king of Indus Valley, taming the Buffalo. From seal of Sibās'ni. (After Ward, 167.) Note he is duplicated for symmetry.

- ¹ W.P.O.B., Fig. 33, 239, Fig. 35, 245, etc., etc. ² Ib., Fig. 39, 25, etc. ³ Ib., 239 f., 245, 250 f., 331 f.

IV

Sumerian Script on Seals: Its general Form and Peculiarities and its Language Aryan

THE script engraved upon these seals, and supposed to be " unknown Indian picture-writing " and to have originated and "developed in the Indus Valley itself," was at the first glance clearly recognizable as Sumerian in type, and as containing many word-signs of the ordinary standard Early Sumerian linear hieroglyph script, as was current in Early Mesopotamia and in its adjoining province of Susa (or "Elam"). The remaining hieroglyphs, which vary somewhat from that Mesopotamian type, also proved, I found on examination, to be essentially of that type. They were somewhat more cursive in shape than standard Mesopotamian script, evidently owing to this script having been written by a people long accustomed to write with pen and ink on parchments, like the Earliest Sumerians, and unlike the later Sumerians in Mesopotamia, who substituted plastic claytablets (afterwards baked) for the perishable parchment, and wrote the hieroglyphs by a series of short dabs with a straight-edged style, for a pen with cursive writing tears the soft clay. Hence these seals preserve more largely the original curved lines of the archaic pictographic Sumerian, which are represented by a series of straight lines in the later standard Sumerian of Mesopotamia, and in its derivative, the cuneiform or "wedge-headed" script; and they are somewhat analogous to the curved "seal characters" of Ancient Chinese script.

> ¹ M.R., 548. 23

The general form of most of the script on these seals displays early forms of the Sumerian hieroglyphs, such as were current in Mesopotamia between about "4000" to 3000 B.C. and not later. Others of the signs on certain seals betray certain shortened conventional forms of the Sumerian script which only came into use at relatively fixed dates between about 2800 B.C., and 2400 and 2200 B.C. The palæographic inference thus dates the seals from before 3000 B.C. to about 2200 B.C.; and this inference is concretely confirmed by the personal names of fixed dates on the seals, as we shall see later on.

A feature of the writing is the not infrequent use of infixed signs in the interior of other signs, to show that the infixed sign is an integral part of that compound word. Another feature is the frequent attachment of the word-sign As', which I have shown is the Sumerian origin of our English "ace" and Greek "eis," etc.¹ (and represented by I, the "ace" or "one"), to the end of a word-sign, and especially where it is used as the locative or "adverbial" suffix.¹ And already in Seal I., dating to about 3000 B.C., we have the vowel u almost in the form of a "ligature" and in Seal IV. it occurs as a ligature—the form in which it was regularly used later in Pali and in Sanskrit; and significantly it is written in the same *alphabetic* form which it possesses in these later Aryan languages and in the Greek and Roman alphabet.

Another important feature of this script is the systematic use of *short* parallel horizontal *strokes* to represent the "numeral" signs, as a sacred script, which in the Early Sumerian lithic writing of that archaic type were drilled as *circles*, forming shallow subconical depressions, the so-called "*Cup-marks*," which in the later clay-tablets were written as wedge-shaped crescents (*e.g.*, Fig. 5, col. 2, no. 6). This

> ¹ W.P.O.B., 240 f. ² Cp. L.S.G., 72.

fact is fully evident from the Death-Amulet series of these seals (Chap. VIII.), where the various series of these short horizontal strokes are especially numerous, and where they clearly represent the archaic circles and the later crescent wedges, and indeed cannot otherwise be explained or read. Thus the single short stroke is sometimes represented by a mere dot (in Seal XIV., Figs. 3 and 19, 3rd sign) which represents, the circle ; and the two short strokes represent not the word-sign Tab (or "two"), but the dual Sun (Day and "Night" Sun) word-sign, S'amas', as "The Twin."¹ A vestige of the late use of such parallel semi-horizontal strokes for the circle or crescent signs is seen in inscriptions of Gudea about 2400 B.C. for the triad circle sign.² The obvious reason for this linear form of writing the archaic circles or crescents by short parallel strokes is the easier and more rapid writing when employing pen and ink on parchment, instead of the wedge-headed style on plastic clay. The practical importance of this observation is that in this linear form of writing the numeral archaic circle-signs, these word-signs (above one) are used with their mystic religious "Cup-mark Script" values of God-names, etc., as detailed and illustrated in my former work.*

Another outstanding feature of this seal script, and one to which I have already referred, is the use of the full pictorial figure of the Bull to represent its usual contracted form of word-sign of Gu or Ga for "dwelling" or "land," in place of the latterly used Kur and Uru; and Du (or Dun), a "fort," is used for the later Ki, "land" (Greek $G\bar{e}$). But the use of the Bull sign in its contracted conventional form of the Bull's head was already in use about 3100 B.C. to designate this very place-name, as we shall see later on.

The Language of the inscriptions on these seals is standard Sumerian of the early agglutinative and condensed type,

See Seal IV., Fig. 8, etc. This "Twin"=Nāsatya or Diosewir.
 B.W., 432, pl. 171; and Seal XIV., Fig. 19.
 W.P.O.B., 242 f.

with a minimum of grammatical expletives; and it is, as I have proved in my previous work, radically Aryan and the language of the Primitive Aryans.

We are now in a position to commence the detailed decipherment of these seals.



FIG. 31.—Uruas' (Skt. Haryas'wa), first Sumer king of Indus Valley, and founder of First Phœnician Dynasty, with his five sons. From his votive limestone plaque at Tellsh about 3100 B.C. (After Heuzey Déc.)

Note in upper compartment the king with shaven head, and face as a workman, carrying basket of bricks to build his Sun temple, with four sons and daughters in front (Mudgala holding fire-torch), and youngest son behind. In lower register king is seated holding cup (fire or libation). The names of the sons are graved on their woollen kilts.

First Series of Indo-Sumerian Hieroglyph Seals Nos. I. and II. from Harappa deciphered and translated

Disclosing owners as famous Vedic Aryan Fire-priests (AUS'IJA and KANWA); and Harappa as a colony of EDIN, tributary to Sumerian king URUAS' ("Ur-Ninā") of Lagash; and identity of Uruas' and his son "A-Madgal" with Vedic Aryan king HARYAS'WA and MUD-GALA of First Panch(-āla) or Phænician Dynasty about 3100 B.C.

In commencing the decipherment of the hieroglyphs on the Indo-Sumerian seals, with the two which were previously found at Harappa before 1922 (see Fig. I, i. and ii., p. 5), it will be noticed that their published photographs are in bas-relief, and thus represent *not* the seals themselves directly, but the stamped *impressions* of the seals in the orthographic or unreversed form of characters and direction in which the seals were intended to be read. On the other hand, all the published photographs of the other seals (Figs. 2 and 3) obviously represent the seals themselves, being in intaglio, and showing the bovine animals as well as the script facing in the reversed direction with reversed signs, as compared with the standard Sumerian in column 2 of the decipherment tables, and with the seal-impressions of these two Harappa seals.

V

As in Sumerian seals, the word-signs, although written in the archaic erect or perpendicular direction, in relation to the animals or other figures thereon engraved, are usually read with the seal turned on its left-hand side, I have therefore transcribed in column I of the following decipherment tables the hieroglyph script of the seals, with the latter lying on their left side.

In these decipherment tables, I have placed in column 2, alongside each of the seal hieroglyphs, the corresponding word-signs in standard Sumerian script (from Thureau-Dangin and Barton, T.D. and B.W. respectively) for comparison and to establish their identity, so that non-Assyriologists, for whom this work is written, may judge of the identity for themselves. And the Sumerian forms of the ligatured or infixed seal-signs are written separately. In column 3 is given the phonetic-syllabic value of each Sumerian word-sign. And below is appended my reading of the hieroglyph script—which is in the Sumerian language —with its literal translation into English.

The seal hieroglyphs, it will be seen, are for the most part identical or substantially so with the standard Sumerian signs, or with their early cuneiform shapes. When this identity is less obvious, the apparent differences are noticed in the notes.

In restoring the proper names on the seals by means of the Sumerian syllabic-phonetic values of their signs in roman alphabetic spelling, there is sometimes the usual uncertainty inherent in restoring Sumerian names, that owing to many of the Sumerian signs possessing more than one phonetic value (polyphony), the true restoration depends in such cases upon the true selection of the particular syllabic value. When there is more than one value I have usually noted them, and have selected that particular value which is in keeping with Vedic and Indian Epic forms of spelling proper names; for the Vedas and Indian Epics, as I have

SEAL OF VEDIC FIRE-PRIEST AUS'IJA 29

shown, supply us with the key, and practically the only available authentic key, to the true restoration of Sumerian proper names.¹

SEAL NO. I. FROM HARAPPA.

Official Signet of As's'IAS' the Barugu (Fire-priest) of Edin. The Vedic Fire-priest "AUS'IJA Kakshīvan," the "Bhrigu," about 3000 B.C.(?)

This seal (see Fig. 1, I., p. 5) is of immense historical importance, as in addition to establishing still more strikingly the historicity of the Aryan Vedas and Indian Epics as authentic sources of "Sumerian" history and the Sumerians as Aryans in race, it also recovers for us, for the first time, the actual original official seal (or seal-impression) of one of the most famous ancient Aryan Vedic Fire-priests (of about 3000 B.C.), who is the reputed author of several hymns in the Rig Veda-which hymns expressly locate him on the Sindhu or Indus River. In one of these Early Vedic hymns he is styled, as we shall see, "the far-famed merchant"; and he nearly always associates himself, and is associated, with the Panch(-āla), i.e., the Phœnic-ians, and appears himself to have been a Phœnician. It moreover discloses the Sumerian origin and meaning of the Vedic Sanskrit name for "Fire-priest," namely, "B'argu," "B'argava " or " B'rigu."

The place-name "Edin " on this Indus Valley seal, a name which also occurs on most of the others of these seals, and a name for the Lower Indus city-port which survived there, as we shall see, down to the seventh century A.D., is of such critical historical importance and consequence that it demands our examination at the outset.

This name "Edin," with the identical ideograph monogram of the three conjoined word-signs as in this seal a (as

¹ W.P.O.B., 11 f. ⁸ T.D., 428; B.W., 181.

in others of these seals) first seems to appear in the records of the famous Early Sumerian king, the so-called "Ur-Ninā " of Assyriologists, who lived about 3100 B.C., and had his capital at the seaport city of S'irlapur (or "Lagash," see map 2, p. 32) at the head of the Persian Gulf. The excavation of his old capital there by the French expedition of the Académie des Inscriptions et Belles Lettres, under M. de Sarzec, over a quarter of a century ago, yielded the rich treasures of his archives with a profusion of original official documents of himself and his descendants, great numbers of inscribed sculptures, seals, brick buildings, etc., which formed the chief foundation for the commencement of the study of Sumerian history and its high civilization.

"Ur-Ninā," who has hitherto been regarded by all Assyriologists as the earliest and greatest of known dynasts of the Early Sumerians, through the richness of his archaic monuments and those of his descendants, has nevertheless been summarily rejected recently along with his dynasty by Professors Langdon and Sayce merely because they could not find his name and those of his descendants in a late semi-fabulous king-list from Isin. But I find, on the contrary, that not only is "Ur-Ninā" with his descendants duly recorded in that Isin list, though unrecognised by these scholars, but his dynasty therein is made the first of all the human dynasties of the Sumerians (see App. IV.).

This Early Sumerian king was, I found, an Aryan Phænician and the founder of the First Dynasty of the Phænicians in Mesopotamia about 3100 B.C. His name, which has been arbitrarily restored by Assyriologists, without any clue to the original form of the name, as "Ur-Ninā," 1 properly reads as I found by my new Sanskrit keys "Uru-as' the Khād (or Phœnician)," and was substantially identical

¹ K.H.S., 65 f.; Cambridge Anc. Hist. Babylonia, I., 1924, 374 f. ² See Appendix I.

in name and relative position with the Aryan king "Haryas'wa " of the Indian Epic King-lists, who founded the First Dynasty of the Panch-ālas or "Able Panch," whom I have proved to be the Early Phœnicians¹; and Herodotus records the old Tyre tradition that the Phœnicians were located on the Persian Gulf before 2800 B.C. And his predecessors and successors, I found, bore substantially the

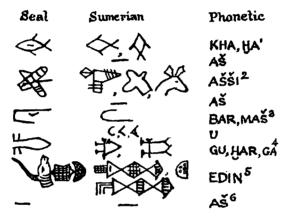


FIG. 4.—Signet Inscription of As's'ias' (Aus'ija), the B'rigu Fire-priest of Edin.

Reads : Kha-as' as's'i-as' bar-u-gu edin-as'.

Transl. : The seer As's'ias', the Barugu (Fire-priest) of Edin.

I. This is the Fish word-sign, T.D., 25I; B.W., 525; Kha value, B., 11817.

B., 11817.
This bridled Horse-head in Sumerian, T.D., 226, from "Eannatum"; unbridled, B.W., 211, where confused with 400; and Hoffman tablet, W.P.O.B., 257, 412. For a more realistic figure of this Horse-head sign see Seal IX. On As's'i phonetic value, see W.P.O.B., 412.
Hook or Crook sign, B.W., 77a. Bar value, B., 1752.
Sumer sign Gudea, T.D., 74; El Amarna, B.W., 259. Gu or 'Har "land," as well as "Ox" (M., 4038).
Sumer sign for Edin from Mudgala's seal, Fig. 5; lower from Gudea, B.W., 181, and cp. T.D., 427-8.
The as' here, and in the other seals, as a suffix to the place-name is clearly used as the adverbial suffix "at" (cp. L.S.G., 72); and not as meaning "the seal" (B., 15); or as "land" (M., 5).

same names and occupied the same relative positions in the Indian Epic lists of the Early Aryan kings as did his predecessors and successors on their own monumental records

¹ W.P.O.B., 12 f.

and in the King-lists of the Sumerians in Mesopotamia, though these Sumerian kings' names as "restored" in great part fictitiously by Assyriologists have hitherto masked more or less completely their identity, as we shall see.

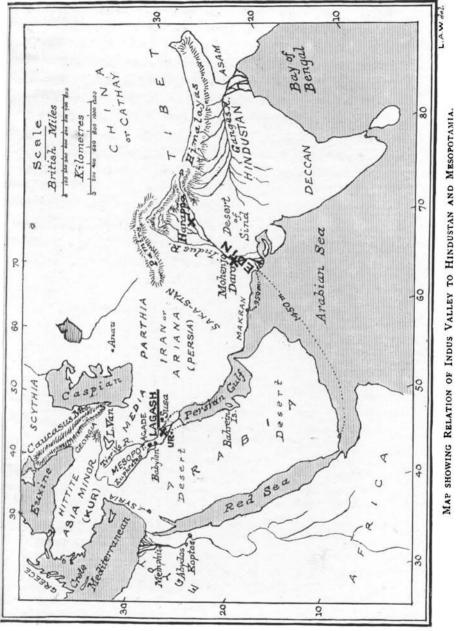
As it is now discovered that it was this First Dynasty of Sumerian Phœnicians which first established the Sumerian colony in the Indus Valley, and its earlier members are referred to by name as Aryans in this connection, it is necessary to give here the list of the earlier members of this Phœnician dynasty as recorded respectively in the Indian Epics and in the contemporary inscriptions and Kinglists of the Sumerians. And this comparative King-list strikingly shows how relatively faithfully the Indian Epics have preserved the original forms of the names of the Sumerian kings, as compared with the misleading names as conjecturally restored by Assyriologists.

First "PANCH(-āla)" or PHENICIAN Dynasty in Mesopotamia about 3100-2950 B.C.

Names in Indian Epic Lists of Aryan Kings. ¹	Names in SUMERIAN.	
	As revised by me.	As read by Assyriologists. ²
1. Hary-as'wa or B'army-as'wa.	Uru-as' (the) Khād ^a or Bar-ama-'ha-as'	Ur-Ninā.
2. Mudgala, eldest s. of 1.	(A-)Mad-gal, ⁴ eldest s. of 1.	Akurgal, eldest s. of 1.
3. Pasenadi or Badhry- as'wa, s. of 2.	Bi(d)-as'-na-di, s. of 2.	Eannatum, s. of 2 (Ente- mena, s. of 3).
4. Divo-Dāsa or "Divine Dāsa," s. of 3.	En-e Tar-și or "Divine Tarși."	En-li (Ene) Tarzi.

¹ Detailed proofs of these Indian Epic and Sumerian forms of these names in my Aryan Origin of the Sumerians and Phænicians. ¹ Cambridge Anc. Hist. Babylonia, 1924, 374 f.

⁸ See Appendix I.
⁴ A in Sumerian="son" (B., 11328), and the prefixed A is the Sumerian intensive augment (cp. L.S.G., 95) just as in Aryan languages.



To face p. 32.

" UR-NINA " AND HIS DYNASTY PHŒNICIANS 33

My revised forms for the names and the identities of this dynasty are also fully confirmed by the names and titles for them, which I have discovered in the recently found king-lists of Isin, as detailed in App. IV.

This first Sumero-Phœnician king Uruas' ("Ur-Ninā") records on one of his documents that he " caused to be built two Edins."¹ This now seems to denote, in view of our evidence which follows, his causing to be built the "Edin" of the Indus Valley, and the "Gu-Edin" sanctuary of the patron "Sun-god" of these Sumero-Phœnicians, which was situated in the plains of Lower Mesopotamia about thirty miles to the north of his capital on what seems to have been an old confluence of the Euphrates and Tigris. higher up the delta, and presumably a sacred site before the founding of "Lagash" or Sirlapur.³ Indeed positive confirmation of these two Edins of Uruas' seems forthcoming on Seal III., which appears to record that the owner of that seal-signet belonged to "The Second Edin"; and one Uruas"s seal of the Indus Valley Edin (Fig. 5).

Although the name "Edin" came latterly to have also the meaning of " plain " and " desert," its ideogram consists of three conjoined word-signs, meaning respectively "dwelling-place or sanctuary" (Ga or Gu),^a "Sun-god" (Sir)⁴ and "earthwork or fort" (Du (?), Dun or Din). These three svllabic words thus forming its name, define it as "The Fort of the Shrine of the Sun-god," and this taken along with the statement that Uruas' caused it to be "built," implies that it was originally a structure, and not a mere bare or cultivated "plain." And as a fact "Edin" is defined in the bilingual Sumero-Akkad glossaries as "The city of the

¹ Dec., pl. 2^{ter}, No. 2, col. 3, 7-8; translated, R.B., 62-3, where "caused to build." See Appendix II. for full translation. T.D. in his transliteration reads a for min "two," T.D., I., 12.
² It is usually supposed to be name of the district of Lagash.
⁸ T.D., 417; B., 6113 (Sumerian Ga or Gu, B., 6103-4, Akkad Kissu) = "dwelling, shrine, sanctuary," M.D., 425.
⁴ B., 1649; B.W., 72; and T.D., 15.

god Bel or Induru (i.e., the Hittite Indara, and the Sanskrit Indra) ";¹ and it is referred to as "The captured land of Edin "; * and also as " The Saki city (or land) of the Slavegirl (priestess),"³ the meaning of which is found in her actual seals in the Indus Valley, Nos. IV. and XV. All this evidence implies that this "Edin" stood outside the principality of the Mesopotamian Lagash, and presumably outside Mesopotamia, in "The captured land" of the S'aka country of the Indian Epics ("S'aka-dwipa or S'aka continent ")-a land famous for its Sun-worshipping Maga or "Magi," and which we shall find was traditionally located in the Indus Valley.

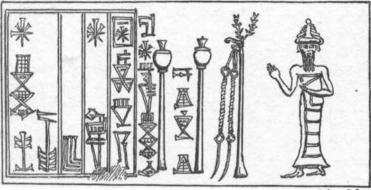
Now, an unique Early Sumerian "seal" was unearthed from the ruined buildings of Uruas'-the Khād (or Phœnician); and it not only belongs, I find, to this king's own reign, but also bears his own name, and gives details regarding his "minister" who governed Edin for him; and the name "Edin" is spelt therein by the identical compound ideogram as in these Indus Valley seals; and the script is in the standard Sumerian of the epoch of Uruas' of Lagash, see Frontispiece and Fig. 5.4 Its great size and the fact that it is engraved orthographically and not intended for stamping shows it was not a seal, but a medallion of a victory, as we shall see.

This critically important "seal" (Fig. 5) has been discussed by various leading Assyriologists with varied conjectural readings of the names in its legend, in the absence of any key to the original form of the personal names to guide them in selecting the proper phonetic value from the polyphonous word-signs. The latest summary of these attempted translations and restoration of the names in this inscription is: "O Edin-mu-gi, minister of Gir (the god) who assists

¹ Cp. B., 4533. And on I.A. or E.A. as *In-duru*, see W.P.O.B., 13 f., 239, 244 f., 259 f., 315 f., 323 f. ² Edin-na sakh (or *lil*) *la*, B., 4532. ³ Cp. B., 4532, and Seal IV. ⁴ Is engraved from clay tablet copy and not linear.

mothers in childbirth, Ur-Lugal-edina, the physician, is thy servant." 1

On revising, however, the reading of the script on this seal, by my new Sanskrit keys to the form of the names of the



L.A.W. Zel.

FIG. 5.—Seal of *Mudgala*, Lord of Edin, minister of Lord *Ba'rama-has'a* Uruas', King of Edin—the Vedic *B'army-as'wa Haryas'wa*—about 3100 B.C. from Sumerian seaport of Sirlapur on Persian Gulf.

(After Catalogue des Cylindres Orientaux, Musée du Louvre, Lib. Hachette, reduced 4 diameter.)

Note his beard like the ancient Sumerians, and the ox horns on his hat, like the Goths and Ancient Britons, and see Frontispiece for photo.

Early Arvan Sumerian kings, I found that the inscription reads directly by other recognized phonetic values for these Sumerian word-signs :

> As' edin mu-³ gi³ tax As' bar 4-ama-'ha 5-s'a-ra Uru-as' lugal-edin-na A-zu us'-zu.

And this gives the literal translation of :

"The Lord of Edin, I the capturer, the minister, Unto the Lord Barama-'has'a (or Lord Brahman-Seer) Uruas', king of Edin-The seer (or physician), thy servant."

¹ D.C.O.(L.), 1920, p. 10. ² M. 702=English "Me," and Sanskrit "Mā." ⁴ B., 9179. 5 Ib., 4032.

This Sumerian seal thus discloses that Uruas' (or "Ur-Ninā") of Lagash was "King of Edin" as well as Lagash, and that his "minister-servant" or governor "The Lord of Edin" and "The capturer," was as we shall see clearly his son, the crown prince Mudgala. And the long absence of the latter as governor of Edin in the Indus Valley would account for the paucity or absence of monuments of (A-)Madgal in Lagash and elsewhere in Mesopotamia.

The title herein of "Barama-'has'a" for King Uruas' of Lagash, strikingly and absolutely establishes his identity with the Arvan Panch(-āla) priest-king Harvas'-wa of the Vedas and Indian Epics, who bore therein the title of "B'army-as'wa," ¹ shortened in some of the Epics into Bāhyas'wa, which is apparently the equivalent of the Vedic corrupt "Bhujyu." This "Barama" we shall discover from next seal (II.) is the Sumerian source of the Sanskrit priestly title of "Brahma" or "Brahman." And the additional "'has'a" (or khās') is the Sumerian title of "Seer" (see next chapter), and is the identical title of the seer in this Indus Valley seal, No. I., and it is held by the owners of several others of these seals. It is thus evident that this "Barama-'has'a" title of the priest-king Uruas', meaning "The Brahman seer," was latterly mistaken by the later Indian Brahmans as a proper name, and ignorant of its meaning they corrupted it into "B'army-as'wa" and "Bahyas'wa." Thus the identity of the great Sumerian king "Uruas'-the-Khād and Barama-'has'a (or -khas'a)," with the Vedic and Epic Panch(-āla) or Phœnician king "Harvas'wa B'army-as'wa" is complete in regard to both his titles.²

The Sumerian title As' for "Lord" also, is significantly disclosed as the Sumerian origin of the Gothic title Asa or "Lord" for the early Gothic kings and princes in the Gothic ¹ B.D., 6, 46; 8, 12; Nirukta, 9, 23; cp. M.K.I., 2, 101. In Epics, W.V.P., 4, 144. ² W.V.P., 4, 144. Eddas;¹ and is apparently the source of the Sanskrit Isha "lord."

The Sumerian word here for "minister," Tax or Tax, is also of great historic and British interest, as it is the identical word-sign used for the Archangel minister or messenger of the Father-god of the Sumero-Phœnicians and Ancient Britons-Tax, Das'i, Das'i ("Nin-gir-su" of Assyriologists) and the Tasc, Tascio or Dias of the Ancient Briton coins and prehistoric cup-marked inscriptions in Britain.^{*} This word Tax or $T\bar{a}x$ is defined in the Sumero-Akkad glossaries with the divine prefix as "The Messenger or Minister of The Father-god Bel,"³ which confirms the great mass of evidence cited in my previous work for the identity of the Sumerian Tax or Dias' with the Sanskrit Daxa or Daksha and the Briton Tasc or Tascio.⁴

The Sumerian word here also for "Seer or Physician," namely, Azu or Uzu, is disclosed as the Sumerian source of the modern Indian name "Oja" for a Medicine-man who practises Magic, and of Sanskrit Oshadhi or Aushadhi, "medicine," Oja, "granting strength," and Ojas. "strength"; and is probably the cognate of the Greek Aug-e and English "Augur."

The personal name of the owner of this seal is not given; but he is clearly the crown prince Mudgala or (A-)Madgal, as governor of his father's province of Edin. This identity is confirmed by his having the same title of "Lord" as the king (his father), and the further title of "Seer"; for Mudgala was an even more famous "seer" than his father Harvas'wa. Moreover, the objects represented on this seal were the especial emblems of Mudgala and absolutely establish his identity.

The objects figured on this Sumerian seal (Fig. 5), and to which Mudra-gi is pointing, are diagnostic of Mudgala alone.

2 Ib., 243 f.

B., 6165, 6171.
W.P.O.B., 243 f., 261 f., 341 f., 447.

¹ W.P.O.B., 240.

and are fully described in a Vedic hymn of Victory to Indra, which is ascribed to Mudgala himself.¹ This hymn and its early commentary represent Mudgala as owning vast herds of "well-pastured kine" (gava in Sanskrit, i.e., the Sumerian ga or gu, "cow, ox, or buffalo") to the number of "a hundred thousand," and he is called "Lord of Cattle." These cattle were raided by aborigines during his absence and only one bull was left behind. To overtake the raiders Mudgala harnessed this bull to his chariot, and yoked on the other side of the chariot-pole for balance (?) a stone-mace (drughana). His wife acted as charioteer, while Mudgala invoking Indra "touched" the beast with the sacred stonemace of Indra. As a result the bull flew along so swiftly that Mudgala overtook the robbers and single-handed with his Indra-mace routed them and recovered his cattle. He is called in this hymn "Lord of Cattle"; and significantly we shall see in the newly-found Isin king-lists (App. IV.) that Mudgala bears the title of "Protector of Oxen."

Now in this seal, with objects figured thereon which have hitherto been of unknown meaning to Assyriologists, Mudgala is seen pointing to the two stone-maces which worked this miracle; and beside them is the chariot-pole from which depend the double-harness yokes, described in the Vedic hymn, as consisting of "thongs of leather," with their curved yoking-pins at their loose end.³

This complete identity of the names and relative positions on the King-lists of the owner of this Sumerian seal and his sovereign king of Lagash, with those of the Aryan *Panch*(-āla) or *Phænician* Vedic and Epic crown prince and seer Mudgala or Mogalli and his father Barama-as'wa Haryas'wa, along with the literal description of the seal emblems therein, as preserved in his Vedic hymn, affords one more striking

¹ R.V., 10, 102.

⁸ These pinned neck-yokes, wherein the yoke encircles the neck of the animal and the pin slips into the loop at the pole-end, are still used in India to the present day.

MUDGALA'S SEAL SYMBOLS INTERPRETED 39

instance of the remarkable historicity of the Indian Vedas and Epics and their unique trustworthiness for the recovery of the proper form of the names in ancient Sumerian history, and as a key to the interpretation of the emblems on Sumerian seals and monuments which have hitherto been unknown.

Indeed, it now seems probable that the two large stonemaces, which have been unearthed at this "Edin" site in the Indus Valley, and figured in the official report,¹ and which are seen to be similar to the two figured on this seal, may be the actual pair of sacred stone-maces figured on this seal, which worked the miracle celebrated therein and in the Vedic hymn.

We thus find that the author of this Sumerian "seal" of about 3100-3050 B.C. was the Aryan Sumero-Phænician crown prince Mudgala as governor for his father King Uruas' (or "Ur-Ninā") of Lagash of the remote "captured" province of the "Edin" of the Indus Valley. And that it was presumably graved by Prince Mudgala, or (A-)Madgal, as a votive offering to the temple of Induru at Lagash, to celebrate his victorious recovery of the stolen herds of kine, especially as the flower-pot sign on the carriage-pole, to which the Lord Mudgala is pointing, is the Sumerian word-sign Mu, "sing," as a song of victory, the actual words of which are preserved in our Vedic hymn. His own fine dignified portrait took the place of his personal name. And his title of "capturer" probably also denoted his annexation of the "Land of Edin" in the Indus Valley.

Resuming now the examination and decipherment of this early seal of "Edin," which along with Seal II. was unearthed at Harappa, as the names and titles therein require a separate chapter, we shall here proceed to the decipherment and translation of Seal II.

SEAL NO. II. FROM HARAPPA.

Official Signet of Kan(-wa) the Barama. The Vedic Fire-priest KANWA the "Brahma" or "Brahman," about 3000 B.C.

This seal also (see Fig. 1, II.) is of immense historical importance if, as appears certain, it recovers another of the actual original seals (or seal-impressions) of another related

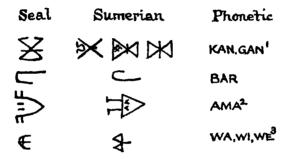


FIG. 6.-Signet Inscription of Kanwa the Barama or Brahman. Reads : Kan(-wa) bar-ama wa.

Transl.: Kan(-wa) the Barama (or Brahman) the ear (of God).¹

I. This seal-sign somewhat resembles the so-called "double-axe" I. This seal-sign somewhat resembles the so-called "double-axe" sign, which, however, is closed at both ends and is of uncertain phonetic value; but it is doubtfully placed by B.W., pl. 160, as a form of the *Gan* or *Kan* sign. Its middle stroke suggests resemblance to the *Elamu* or *Tum* sign of the period of Gudea (B.W., 387), but its recurved ends, which are also seen in next Seal II. and in XI., are against this identity. Altogether, except for its stroke, which may be the ligatured As', it resembles essentially the *Gan* or *Kan* sign (see column 2), and cp. B.W., 160, which represents and means a "vessel" or "can" on a stand; and I have read it as *Kan* (B., 4036). This reading seems all the more certain as it is followed by *wa*, which gives the Sanskrit form "Kan-wa," see foot-

a. This "Wild Bull" head sign Ama occurs in this form in documents of Manis'tusu, son of Sargon I. (B.W., 183).
3. The sign on the lower border of seal seems distinctly the Ear sign for such a sign of the lower border of seal seems distinctly the Ear sign for such as the two second se

(see column 2) with value Wa or Wi, etc. (B., 7964).

group of famous ancient Aryan Vedic Fire-priests, called "Kanwa," the authors of many of the Vedic hymns, some of which are dedicated on the Sindhu River.¹ Kanwa the First and his "Kānwa" descendants associate themselves

¹ On the critical signs Kan-wa, see foot-notes to Fig. 6.

SEAL OF KANWA, THE VEDIC BRAHMAN 41

in their hymns with Panch-āla priest-kings, and are priests of the *Krivi*, *i.e.*, the Syrio-Phœnicians, and appear themselves also to have been Phœnicians. It also discloses the Sumerian origin of the Sanskrit name *Brahma* or *Brahman* for "a priest," and its hitherto unknown original meaning.

The identification of these personal names and titles on those two Indus Valley seals now requires a separate chapter.



FIG. 32.—King Bidas'nadi (Badhryas'wa), son of Mudgala and father of Divo Dāsa, with his captive enemies in "The Net of the Sun-god."

From his own victory Stele of the Vultures, about 3020 B.C. (After Heuzey $D \epsilon c$.)

Note he holds over the Net the Sun-Hawk or Phœnix, of which another figure is shown on a fragment of same monument on the left. For description of this Net and its survival in Brahmanism and Christianity see App. III.

PERSONAL NAMES AND TITLES OF OWNERS OF SEALS I. AND II.: THE VEDIC FIRE-PRIESTS AUS'IJA KAKSHIVAN AND KANWA

VI

Disclosing also Sumerian origin of Vedic priest titles of " Bhrigu " and " Brahman."

THE personal name of the owner of Seal I., namely, As's'ias' (see p. 31), appears to identify him conclusively with "Aus'ija" of the Vedas,¹ surnamed "Kakshīvan," who is called therein "the far-famed merchant," and singer "on the bank of the Sindhu," i.e., the Indus. This identity is strikingly confirmed by the further discovery that the name of the Amorite lady in Seal No. IV is identical with that of the wife of this priest as preserved in the Vedas.

The reputed words of his hymns to Indra and his Fireand Sun-horsemen, the As'win (the Aesw of the Briton coins), sung on the Indus about 5000 years ago, are still preserved in the books of the Rig Veda. Thus:

- "Bountiful Aswins, by whose aid the cloud shed sweet rain For the far-famed merchant Aus'ija-Wherewith ye helped Kakshivan, singer of your praise.²
- "Aus'ija shall call for you The Thunderer (Indra) . . . Sindhu, giver of famous gifts, giver of fair fields, Listen with all your waters !
- "I celebrate these praises of Bhavya's son (my king), Dweller on the bank of Sindhu . . . I Kakshivan.

¹ Sanskritists have assumed that this name is a matronym, derived from Usi'j, a slave-girl, and meaning "son of Us'ij"; but it now seems, as we shall see, to have a different meaning.

² R.V., 1, 112, 11; "merchant" is vanij. 4 Íb., 1, 126, 1-2.

⁸ Ib., 1, 222, 5-6.

AUSIJA'S ANCESTRY, HISTORY AND TITLES 43

"Aus'ija" was a name or title of more than one Fireworshipping Aryan Vedic priest. It is applied as a patronym to the son of Kakshīvan in the Vedas. The Fire-priest Dīrgha-tamas, surnamed Gotama, a priest of King B'arata, and a reputed ancestor of Kakshīvan, who lived several generations before the rise of the Panch-āla dynasty about 3100 B.C., is also called "Aus'ija" in one of the Epics, and in post-Vedic literature, but its application to him appears due to a confusion by later Brahmans, as we shall see later on.

The "Aus'ija" of the Sindhu Valley, "the far-famed merchant" and Fire-priest, was a "Khattiyo" (or Kshattriva), i.e., Khatti or Hittite and of the Kās'i clan. As a Vedic priest of Indra he is often called or calls himself merely "Aus'ija." 1 but is identified with "Aus'ija Kakshīvan" of other hymns,² who also invoked Indra and his Fire and As'wins, and is the reputed author of several hymns of the Rig Veda,³ and is called the son (or descendant) of Paira.⁴ Aus'ija Kakshīvan resided on the Sindhu or Indus, and he sings there the praises of the magnificent bounty he received from his patron "King Svanaya, son of Bhavya, dweller on the bank of the Sindhu, unconquered king."⁵ This bounty comprised a hundred necklets (necklets were unearthed with several of the seals), ten chariots with "forty horses decked with pearly trappings, and sixty thousand kine." • He lived to the age of a hundred, and married in his old age the maid "Wricaya," " which name, or rather title, is actually preserved on the seal of the Amorite lady, Seal No. IV. He had a son (or descendant) called Rijiswan. also bearing the patronym of Aus'ija.⁶ and another son named Sukirti.⁹

 1 R.V., I, 112, 11; I, 119, 9; 122, etc.

 2 Ib., I, 18, etc., etc.
 8 Ib., I, 116-121, etc.

 4 Ib., 116, 7 f.
 5 Ib., I, 126, I f.

 6 Ib., I, 126, 2-4.
 7 Ib., I, 51, 13.

 8 Ib., 10, 99, 11.
 9 M.K.I., 2, 452.

He is usually associated, and associates himself in his hymns, with King Haryas'wa B'army-as'wa ("Bhujyu ") and others of the famous Fire-worshipping kings of the Panch(-ālas),¹ thus presuming that he was a kinsman of the latter, as indeed his title of "merchant" at a river-port also suggests.

He has been confused by later commentators through his name Aus'ija with his ancestor Dīrgha-tamas, son of Ucathya, who in later Epics was also called "Aus'ija." And his name "Aus'ija" is supposed by Sanskritists to designate him as "Son of Us'ij the slave-girl," who was supposed to be the wife of Dirgha-tamas, and the mother of Aus'ija Kakshivan ; though this defeats the view that Dirgha-tamas also bore that title (Aus'iia). Fortunately the actual seal of "the slavegirl Us'ij" is found as Seal IV., from which we shall see that Us'ij was evidently the wife and not the mother of As's'ias' of this seal.

Dīrgha-tamas, or "Tamas of the Deep" was, as we shall see, the grandfather of Uruas', and the "father" (or "forefather") of Aus'ija Kakshīvan. He was a great sailor, and of the Kās'i clan of Khattivos. Although he is not referred to as resident on the Indus, his seafaring is repeatedly referred to in the Vedas. Thus:

- "Dirgha-tamā, Mamatā's² son, hath reached the tenth decade of life.
 - He is the Brahmā of the Striving Waters, their charioteer (boatman) is he."³

His ancestorship of Kakshīvan is also implied in the "Gautama " title for the descendants of Kakshīvan---" Gotama " being a surname of Dirgha-tamas, and latterly it was the famous family name of Buddha, the Sakya Muni, or "Seer of the Sakya tribe," who was presumably his remote descend-

¹ M.K.I., 1, 112; 116; 117, etc., etc. ² Mamatā, his mother, significantly was a priestess "of the race of *B'rigu*" (B.D., 4, 11). ⁸ R.V., 1, 158, 6.

ant. His title as "Gautam Rishi" or Gautam-the-sage, is still common in the mouths of Hindus at the present day.

The priestly title of "Barugu," applied to Aus'ija Kakshīvan in the seal, now discloses for the first time the Sumerian source of the Vedic Sanskrit name for "Fire-priest." namely, B'argu, or B'argava or B'rigu. These Sanskrit variants of the same word denote a group of ancient Vedic Fire-priests who were skilled in producing the sacred Fireoffering by wood-friction, and they were largely Panch-ālas.¹ This Sumerian root Bar, literally meaning a "Bar (of Wood)." is defined variously as "Wood, Fire, Flame, Firegod. Sun. priest or seer. exorciser. conjurer."² It thus explains its priestly meaning of "priest of the sacred Sun-Fire production from Wood." And "B'ar-tari" is still an Indian name for shrines of perpetual fire. The process of producing this sacred fire from the twin woods (Bar) is described and illustrated in my former work.⁸

His title of "Khās'" is the Sumerian for "Seer or necromancer," 4 derived from Khās', " a cut twig " or "cutting,"⁵ presumably in the sense of twig-choosing by lot for divination. This title recurs on several of the other Indus Valley seals, XIII., XIV. and XVII.

Seal No. II. of "Kan(-wa) the Barama" (see p. 40) also recovers for us the actual signet seal of another of the great Aryan Vedic Fire-priests, and presumably also a Sumero-Phœnician. It also discloses the Sumerian origin of the priestly title of "Brahman."

Kanwa and his descendants called "Kānwa" are often named as priests and singers in the Rig Veda, and are credited with the authorship of the eighth book of that collection as well as with part of the first book. In those

E.g., Vadhry-aswa, Divodāsa, Cyavana, etc.
 M., 984; B., 1756, 1810; M., 998; B., 1802, 1841, 1844.
 W.P.O.B., 291-2 f.
 B., 4685-8. It has the infixed "Death" or "Fate" sign.
 Ib., 368 f.

hymns the Kanwas invoke Indra, his Fire and Sun with his horsemen and the Maruts. Thus they sing :

"Praise nought besides, O friends; so shall no sorrow trouble vou-Praise only mighty Indra, when the mead is shed, And say your praise repeatedly.¹ Skilled in fair rites, with Soma (mead) pressed, The Kanwas make light to Thee, O Fire !" *

Kanwa is celebrated along with Uruas' (B'ujyu) by Aus'ija Kakshīvan,³ and thus must have preceded the latter. The Kanwas and Aus'ija's descendants were not rival priests, for Aus'ija and the Bhrigus are praised by Kanwas. Thus:

> "The Bhrigus are like the Sun, like the Kanwas, And have gained their heart's desire." 4

So also the Kanwas repeatedly celebrate Uruas' (B'ujyu) and other Panch-āla priest-kings.⁵

"Kan-wa," we have seen,⁶ is written with the signs of "vessel" (or "can") and "ear", and thus apparently meaning "Vessel of the Ear (of God)," a fitting title or name for a seer or diviner, or class of diviners.

Some at least of the Kanwas were priests of the Fireworshipping Arvans on the Sindhu River. It is a Kanwa hymn which I cited on p. 8, invoking the Maruts (Amorites) to "guard Sindhu well and succour the Krivi in his need." And these Krivi or Syrio-Phœnicians are also the invokers in a Kanwa hymn to the Sun-horsemen."

Kanwa the First, who was a *Khattiyo* and not a Brahman. is said in the Indian Epics to be the son of the B'arat king Aja-mīdha, an ancestor of the Panch-ālas.⁸ Although the archaic form of his seal-characters is not out of keeping with so early a date, there seems no probability that the

> ¹ R.V., 8, 1, 1. ⁸ Ib., 1, 44, 8. ³ Ib., 1, 112, 5 f. 4 Ib , 8, 3, 16. 5 *Ib.*, 8, 1, 15; 4, 23; 5, 22; 32, 171, etc.
> 6 See foot-notes to Fig. 6.
> 7 R.V., 8, 22, 12.
> 8 W.V.P., 4-140.

Aryan kings mentioned in relation to Kanwa were on the Sindhu thus early. The Kanwa of this seal was more probably one of the later Kānwas. His title of *Barama*, or "Brahman," seems to identify him with a descendant of the "son" of Kanwa I., who, according to the Epics, was the first Kanwa "Brahman,"¹ though his father was a Kshattriya of the ruling warrior race.

The title Bar-ama now discloses the Sumerian source and meaning of the Sanskrit word Brahma or "Brahman" for priest. Bar="Seer of the sacred Fire-producing Wood" (as above noted); and ama = "lord."² One of the earliest Vedic applications of this term seems to be to Dīrgha-tamas in the hymn above cited. But we have seen that it is used by the Phœnician King Uruas', the Haryas'wa of the Vedas and Epics, about 3100 B.C.

"Kan-we" or "Kan-me" significantly is also the name of the priest of the next seal to be deciphered, Seal No. III., of the new finds in next chapter.



FIG. 33.—Gis'zax (Caxus), son of Dīrgha-Tamas, and father of Uruas' (Haryas'wa) watering the Buffaloes after taming them. From seal of Sargon I., about 2800 B.C., in De Clercq collection.

Note his leonine head, and duplication for symmetry.

¹ W.V.P., 130, 140. Medhatithi, "descendant" or "son" of Kanwa. And cp. P.I., 225 f.

^a B., 4543. In Akkadian *Bārā*="seer, diviner, magician," and is interpreted as "the one who sees, beholds or discerns." Cp. M.D., 183.

Official Signet Indo - Sumerian Seals from Mohenjo-Daro and Harappa deciphered and translated

Disclosing Signets of KAN-WE; of Slave-girl Sun-priestess USIZ of URIKI (Vedic "Us'ij-Wricayā," wife of owner of Seal I.); S'US'ENA of GUS'A (S'usin of Ur and Indian "Sushena"), TAX minister of SAGUNU of AGDU (Indian "Daxa" re S'akuni of Ayodhya as Sargon of Agade); SAGARA as Sargon I.; DAMU the GUTI or Goth, etc., etc.; and Indian Epic versions of SARGON I., GUDEA, DUNGI, BUR SIN I. and S'U SIN of Ur Dynasty.

THE seals now deciphered in this chapter represent the *Official Signet* Seals of the recently-found collections from the excavations at Mohenjo-Daro and Harappa in the Indus Valley—the Grave-Amulets of these finds, forming a separate series, are relegated to the next chapter. As no information is given in the official report as to which of the two sites yielded the particular seals, the special site of each individual seal cannot be stated at present.

The photographs of this second series of seals are direct photographs of the seals themselves, and thus show the hieroglyphs in the reverse form and direction from what they would be in the seal-impression, in which they were intended to be read. In our reading of these hieroglyphs, therefore, it is necessary to turn the seal on its *right* side,

VII

when the hieroglyphs will appear in their due sequence. but in reversed form, as will be seen by comparison with their standard Sumerian equivalent signs in column 2 of the decipherment tables. And in this reversed way, as on the seals, I have accordingly transcribed these seal hieroglyphs in the following decipherment tables.

SEAL NO. III.

Official Signet of KAN(-WE) priest of Khaitisig at E(din).

This seal (see Fig. 2, III.), the lower part of which with the name of the city is wanting, is the signet of a "Kanwa" priest, who presumably was a different individual of that group of priests from the holder of Seal No. II., in view

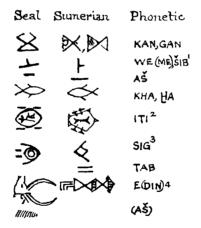


FIG. 7.-Signet Inscription of Kan(-we) priest of Khaitisig at E(din).

Reads: Kan(-we) s'ib (or $w\bar{e}$) -as' kha-iti-sig tab e(din-as'). Transl. : Kan(-we) priest-enchanter of Khaitisig at the second e(din).

1. This sign in Sumerian (T.D., 4_{30} ; B.W., 4_{78}) has ordinary phonetic value of *me*, but *m* and *w* freely interchange, so that it might read *we*. I have read it, however, by its other value of *S'ib* or "enchanter," see text.

2. Sumer sign (T.D., 237; B.W., 51), with value of 3 to 01 enchanter, see text.
3. T.D., 256.
4. This Bull on seal is not a buffalo, and therefore not the usual first part of the compound "Edin" sign; but is the Gu or 'Har sign (T.D., 74; B.W., 259); yet we have found in Fig. 4 that the unbarred horns are also used in the Edin sign, column 2, lower sign.

of the different variety of hieroglyph used for the first sign, and the absence of the title "Barama."

The personal name here, as also in Seal II., is Kan—the wa affix of the Sanskrit form of the name "Kanwa" we have seen was not directly attached to the name in Seal II.; and although the second word-sign in this seal might possibly read we, and thus give the name as "Kan-we," I have preferred the more usual Sumerian value S'ib, "enchanter," which I have shown is the Sumerian origin of our English "Sibyl."¹

"*Khaitisig*" appears to be the name of the city of Lower Edin, as we shall see in Chap. X. on the Place-names. It is possible, however, that this name represents the official title of "high-priest," which is usually written "*Khattesig*" in Sumerian, though rendered by Assyriologists "Patesi."

The sign following "Khaitisig," consisting of two short horizontal lines, may read either "two" or "second," or "the Sun"; ^a and it may be attached either to Khaitisig or to the next following word "Edin" (?). It thus may designate this Indus Valley Edin as "the second Edin," and we have seen that King Uruas' built "two Edins."

"Edin" is probably the name of the shrine, fort, or citystate name here, where the rest of the word-sign of this compound place-name is broken off and wanting. For although the bull here is not a buffalo, which with its crossbarred horns usually form the first part of the name "Edin," we have seen in Fig. 4 (second column) that unbarred horns also designate "Edin" in this compound monogram sign.

SEAL NO. IV.

Official Signet of US'IZ, the Slave-girl of the Sun, at URIKI. The Vedic US'IJ or WRICAYA, wife of Aus'ija (of Seal I.).

This critically important small seal (Fig. 2. IV.) conclusively corroborates and complements the seal of Aus'ija

¹ W.P.O.B., 243, 248. ² See foot-note 5 to Fig. 8.

SEAL OF SLAVE-GIRL USII, SUN-PRIESTESS 51

the B'rigu or Fire-priest of Edin (Seal I.), whilst further confirming the historicity of the Vedas and Indian Epics.

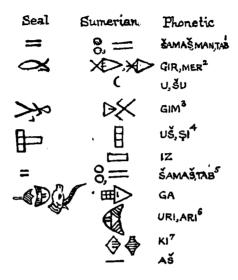


FIG. 8.—Signet Inscription of Us'iz, the slave-girl of the Sun at Uriki.

Reads : Tab mer-u gim us'-iz s'amas' uri-ki-as'.

Transl.: The Sister Meru, the Slave-girl Us'iz of the Sun(-shrine) at Uriki.

I. This word-sign ordinarily reads in the linear script Tab (B.W., 144), literally "two" (and thus the source of the English "two," Scots "twa," Skt. dwa or dva) and "second," and secondarily "brother or sister" (M., 2449). But in the sacred "numeral" script, it means "the Sun," see foot-note 5.

2. This seal-sign seems a compound of the Spear sign (col. 2., T.D., 4; B.W., 10, pl. 192); with the value Gir (B. 300) or Mer (B., 301), and the attached sign of S'u (B., 8644) or U (B., 8645). It thus may read either Gir-s'u or Mer-u.

3. The Sumer sign in col. 2 is from Manis'tusu (B.W., 501), with value Gim, "slave-girl" (B., 11135). 4. This sign is not Nin (T.D., 335; B.W., 499), but a compound of Us' (T.D., 469; B.W., 481) and Iz (T.D., 402; B.W., 258); and cp. B., 5698 on value Iz.

5. This pair of two short strokes may = tab, "two," with meaning as in footnote I. But from a study of the "numeral" script in this and others of these seals, we shall find that in the Amulet series this linear "numeral" script represents the archaic circles and crescents, with their religious values. Hence this sign = "The Sun as S'amas' or Buzur or Man (B., 9960, 9944, etc.); and here it seems to mean "of the Sun (-shrine)." 6. This seal-sign is clearly Uri (B.W., 316, pl. 83) with value Uri (B., 7308) and in Assyrian "Akkadu." It has also value of Ari, i.e., "Arya or Aryan," and is an epithet of Amorites (M., 5328; B.W., 316) and

Ur city.

7. The sign is clearly Ki (T.D., 254; B.W., 419).

The personal name of "Us'iz, the Slave-girl at Uriki" on this seal is certain and unequivocal. The prefixed title, however, in the word-signs 1-3 and the word-sign following the name Us'iz (no. 7, see Fig. 8, column 2) being polyphonous, may be read variously. These (1-3) may read either "The Sister (or companion) of Girs'u "-Girs'u being the suburb of the capital of King Uruas' at Sirlapur, containing the great Sun-temple there-or this group may read " The Mer-u (or ' Amorite ') Sister "; whilst the seventh sign may read either "sister" or "second" or "Sun (-shrine)." If the reading is "second," it would imply that there had been a previous holder of the name "Us'iz." But be this as it may regarding the prefixed and affixed titles, it in no way affects the certainty of the reading of the personal name and place-name of "Us'iz, the Slave-girl at Uriki."

The name "Us'iz, the Slave-girl at Uriki" clearly discovers the Sumerian original of the Vedic name "Us'ij" for the traditional "slave-girl" wife of the Vedic and Epic seer Aus'ija Dīrgha-tamas. On the other hand, her country name of Uriki is clearly the Sumerian original of the Vedic "Wricayā" (or "of Wrica"), the Vedic name for the wife of Aus'ija Kakshīvan (Seal I.), the "son" or "descendant" of Dirgha-tamas. Thus in a battle-hymn to Indra, celebrating the achievements amongst others of Aus'ija Kakshīvan's son Rijiswan, the mother of the latter is named Wricavā ;

"To old Kakshivan, the mead-presser, skilled in song,

O Indra, thou didst give the youthful Wricaya."¹

"Us'iz" of this seal, a name which so literally equates with Vedic and Indian Epic "Us'ij, the Slave-girl," means in Sumerian "The Message-giving enchantress" (Us'),²

¹ R.V., I, 51, 13. ² This Us' is defined in the glossaries (B., 10557) as=Akkadian temu, "message decision edict," cognate with tamū "incantation" and tammaú, enchanter (cp., M.D., 356, 1167).

plus "Wood" (Iz,¹ for divination ?). It was thus a fitting name or title for an augur or oracular Sun-priestess of the Edin temple of Dāsi or Dias' ("Nin-gir-s'u") the Sumero-Phœnician Sun archangel of Induru (or Indra) their One Father-god, and the "Dias" or "Tascio" of the Barat Phœnicians on the Ancient Briton coins.² And she is actually styled on her seal "Slave-girl of the Sun." And Edin was called by the Sumerians, as we have seen, "The Saki city (or land) of the Slave-girl," wherein Saki is as seen later the S'āka (or Sacæ or Goth) Land of the Indus Valley ; and it was also called by the Sumerians "The city (or land) of the Priest-queen of Bel." *

If "Us'ij " was really the wife of Aus'ija Dīrgha-tamas and the mother of Aus'ija Kakshīvan, and not the wife of the latter, as the later post-Vedic legend alleges; and so gave to Kakshīvan his title of "Aus'ija" as a matronym, meaning "Son of Us'ij," then she must have occupied a higher position than the "father" Dirgha-tamas, great seer though he was, and this would be explained by her being the augur "slave" of Das'i or "Nin-gir-s'u" at the Sun temple in Edin.

It is therefore necessary here to relate this post-Vedic legend that she was "the slave-girl" wife of Dirgha-tamas and the mother of Kakshīvan. This legend states that Dīrgha-tamas, a contemporary of King B'arata, if not his son,⁴ was the son of the Fire-priest Ucathya (or in other Epics the son of King Kās'i),⁵ and was expelled from S'aradwant through a quarrel with his younger brother, and set adrift down "the river," and was stranded in the Anga country. There he was given by the king of that country a slave-girl (dāsi) from the royal household, by whom he had

⁸ Ib., 4. 32.

^{*} W.P.O.B., 338 f. ¹ B.W., 258.

^a B. 4532, wherein the word-sign Silag has the ideograph values of "Woman "+" priest-queen" (B., 3385), also Bel (B., 3378). ⁴ His brother was the "son" of King Bharata, W.V.P., 4, 134.

as son, the seer Aus'ija Kakshīvan, from whose title Aus'ija, it is assumed by early Vedic commentators that his mother's name was "Us'ij."¹

This slave-girl's name or title, however, in the Mahā-B'ārata is Aus'inarā, i.e., " of Us'inara." * Now the Us'inaras were a clan or tribe of S'aka people, who included the S'ibi or Sivi tribe, usually identified with the "Sib-oi" tribe found by Alexander in the Upper Indus Valley at the junction of the Ravi and Chenab, not many miles from Harappa, and Alexander sold many of the captured Siboi as slaves. Moreover, the early rulers of the Us'inaras, according to the Epics, were descended from S'rinjaya, who was a Panch-āla and founded a dynasty called after his name.⁸ As "Amorite" was a title of the sea-going Panchalas or Phœnicians.⁴ "the Amorite slave-girl Us'iz " may have been an Amorite princess prisoner of war captured by the king of Anga and enslaved as Alexander did with the Siboi, and restored to the Sumerian Amorite colonists at Edin-though this Anga is not to be confused with the later "Anga" name transplanted by later Indian Brahmans to a district on the Ganges. By another account Dirghatamas himself was the father of the Anga kings.⁵ But the title of "slave-girl" was, we shall see later, "slave or servant vestal virgin of the Sun-temple."

On the whole, therefore, it would appear probable that "the slave-girl of the Sun, Us'iz," of this seal, who bears also the title of "Uriki," and thus equating with " $Wricay\bar{a}$," who was the wife of Aus'ija Kakshīvan, was really the wife of the latter, whose proper Sumerian name as found on Seal I. was As's'ias', the source of the Sanskrit Aus'ija. And that the later Brahmans, from the similarity of the name As's'ias' to Us'ij the slave-girl, confused the two names, and invented the legend of the marriage of Us'ij

 ¹ B.D., 4, 21-25.
 2 M.B., 2, 20, 802.

 8 W.V.P., 4, 120, 144.
 4 W.P.O.B., 216 f.

 5 W.V.P., 4, 122.

SEAL OF SUSENA OR "GIMIL SIN" OF UR 55

to Dīrgha-tamas in order to explain the name "Aus'ija" as a matronym of "Us'ij."

On "Uri-ki" as "The city of the Amorites," see Chap. IX. on the Place-names.

The actual Grave-Amulet of this "Slave-girl priestess of the Sun" appears to be found in Seal XV., implying that her tomb in Edin of the Indus Valley has been exhumed in the excavations there.

The Death-Amulet "seal" of another Amorite Sunpriestess called "Nina" from Smyrna, and written in archaic Sumerian script of this or a still earlier period, has been figured, deciphered and translated by me in my former work.¹ And significantly she is designated therein by *the identical sign of "Uri" or "Ari" for "Amorite," as in this seal.*

SEAL NO. V.

Official Signet of Prince S'US'ENA of Edin (or Agdu? or S'aki), later King S'U-SIN of the UR Dynasty of Mesopotamia

The Indian Epic SUSHENA the Kus'i-ka, "brother" of Paras'u-Rama and great-grandson of King GADHI, the Sumerian GUDIA ("Gudea"), about 2350 B.C.

This seal (Fig. 2, V.), with its associated new evidence from the Indian Epics, is of first-class historical importance for reconstructing several lost chapters in the history of the Sumerians; and confirms still more strikingly the remarkable historicity of the Indian Epics as authentic sources of new Sumerian history hitherto unknown to Assyriologists.

It discloses, along with its associated Indian Epic tradition, important new history regarding the hitherto unknown

¹ W.P.O.B., 257-8; 413-14.

origin of "Gudea's Dynasty," and the rise of the so-called "Third Dynasty of Ur," which links up many isolated facts in Sumerian monumental history of that period hitherto more or less unaccountable. It discloses the proper form of the names of the members of those two dynasties which have hitherto been "restored" conjecturally, mostly in false forms, from polyphonous word-signs, through want of a key to the proper forms of the names which the Indian Epics now supply. And it discloses the crown prince and successor of "Bur Sin I." of the Ur Dynasty, like the son and heir of the Sumero-Phænician Uruas' or "Ur-Ninā" long before him, as governor of the tributary state of Edin in the Indus Valley about 2350 B.C.

There were four different princes or kings named "Sushena," who are mentioned in the Indian Epics. Firstly, is Sushena of the Kus'a dynasty, a maternal great-grandson of King Gādhi, who I found was the famous Sumerian emperor generally called "Gudea," but now seen to be properly "Gudia." ¹ Two others who seem rather legendary were the sons respectively of the man-god Krishna and his father Vasudeva ; ² and a fourth was a son of Parixit, a descendant of Kuru.³ This seal is seen to be the signet of the first named; and he proves to be identical with S'u-sin, S'u-as'sin, or Su-as'-en-zu the historical king of the "Ur Dynasty," hitherto called "Gimil Sin," who reigned about 2350 B.C. and presumably identical with S'u-s'e-en . . . who is mentioned in a stele of King Silhak of Sus'a (Elam) who reigned about or shortly after that same epoch 4-Sus'a having been tributary to the Sumerian dynasties of Ur, etc.

This S'us'ena of this seal is now seen to be the Sushena of the Uru branch of the "Kus'a" Dynasty of the Indian Epics, the ancestry and members of which are recorded therein as in the following genealogical table. From this

¹ The second syllabic sign in "Gu-de-a" has also the phonetic value of *di* (cp. B., 6715.) ² W.V.P., 5, 78; 4, 110. ⁴ S.T., V., x-xi. ⁸ M.B., I., c. 94.

SUSENA'S IDENTITY WITH "GIMIL SIN" 57

table it will be seen that the "Ur Dynasty" of Dungi branched off from the Kus'a main line with the marriage of Gudia's daughter to "Uru-Ricika," a B'rigu Fire-priest,

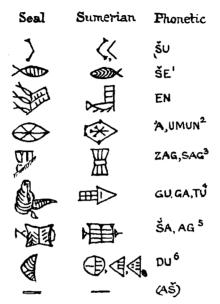


FIG. 9.--Signet Inscription of S'us'ena prince of Edin (or Ag-du? or S'aki?) Land.

Reads : S'u-s'e-en-'a sag gû edin (or ag-du or S'a-ki)-as. Transl. : S'us'ena prince of Edin (or Ag-du or S'aki ?).

1. On this Wheat-ear sign, cp. B.W., 323 and 175, and pl. 43 and T.D.,

519, Appendix. On its S'e value, B., 7433, 4403.
2. T.D., 209; B.W., 354. Its value 'A (B., 8285) and Umun or S'umun, "prince or lord " (B., 8284 and 9478). This S'umun appears to be Sumerian origin of Sanskrit S'wamin " a lord."

3. This broken sign seems clearly T.D., 176; B.W., 291, *i.e. Zag* or Sag "prince" not "king" (B., 6468.) It is not T.D., 175, as it has two trans-verse bands and is not reversed.

4. Gu or Ga as in Seal IV., "shrine or dwelling," but here presumably part of proper name.

5. This sign is clearly S'A or AG sign (T.D., 52; B., 2774). The vertical median stroke first appears in Gudea period (B.W., 110). 6. T.D., 235; B.W., 417, with value Du. It might also be Ki, "land or city." T.D., 254; B.W., 419.

who established a new dynasty, and who is seen by the next table to be identical with the founder of the "Ur Dynasty," namely, "Uru-as'-zikum," hitherto read as "Ur Nammu"

or "Ur Engur," and the father of "Dungi" or S'amu-Dukgin —the "Jama-Dagni" of the Indian Epics. The Kus'a line of kingship ended with this marriage of Gudia's daughter to Uru, as Gudia's son Vis'wā-Mitra became a devoted Sunpriest; and the use by S'us'ēna of the title "Gus'a" on his seal (if it be there), appears to be in a territorial sense.

Genealogy of "Kus'a" and "Uru" Dynasties from Indian Epics.¹

Kus'a, founder of Kus'ā or Kus'ika Dynasty, s. of Balāka of Jahnu line. Kus'āmba or Kus'ika, his son. GĀDHI [Gudia or '' Gudea ''] his son.

 Vis'wā-Mitra, became Sun-p	riest, B'rigu.	daughter, r	narried sa	age Uru-Ricīka	
	oosed ifice. Jama-Dagn	Jama-Dagni the B'rigu, son, m. Renuka.			
	Paras'u-Ran Vasu.	n, Rumanwat,	, Sushena	, Vasu, Vis ʻwa-	

The following King-list of "Gudea's" (p. 59) and the "Ur" Dynasties from the Indian Epics,² compared with the names in the Sumerian King-lists and monuments, again shows how much more faithfully the Indian Epics have preserved these Sumerian names than those as "restored" by Assyriologists.

This comparison discloses among other things the Sumerian name for the founder of Gudia's dynasty was *Kus'* as recorded in the Indian Epics; and that the founder of the "Ur" Dynasty, *Uruas'zikum* of the Sumerian was *Ururicika* of the Indian Epics, which make him the son-in-law of Gadhi or Gudia.

It also would appear that "Uruas'-nin Girsu," the fourth on the list, the so-called king "Ur Ningirsu of Ur," was a queen and not a king. This position is occupied in the Epic list by the daughter of Gadhi (Gudia), whose personal name

¹ W.V.P., 4, 15 f., 28. ² See note 1.

GUDEA AND UR DYNASTY IN INDIAN EPICS 59

	Names in Sumerian.		
Names in Indian Epics.	As revised by me.	As read by Assyri- ologists. ¹	
1. K'us'ā, s. of Balāka.	Uru-as'-ba Kus'.	Ur-Bau.	
2. Kus'ambha, s. of 1.	Khas'u ²-ma'h-ia.	Nammakhni, s. of 1.	
3. Gàdhi, s. of 2.	Gu-di-a.	Gudea, s. of 2.	
4. Satya-wati, daughter of 3.	Uru-as'-nin Gir-su.	Ur-Ningirsu, s. of 3.	
5. Uru-Ricika, husb. of 4.	Uru-as'-zikum.	Ur - Nammu (Engur) founder of Ur Dynasty.	
6. Jama-Dagni, s. of 4 and 5.	(S'amu) ³ Duk-gin.	Dungi, s. of 5.	
7. Paras'u Rāma, s. of 6.	Bur-as'-sin (or Pur- as'-sin).	Bur Sin I., s. of 6.	
8. Sushena, br. of 7.	S'u-as'-sin (or -en-zu)	Gimil Sin.	

King-list of "Gudea's" and "Ur" Dynasties from Indian Epics compared with Sumerian.

was Satya-wati, and who afterwards married the B'rigu priest Uru who founded the "Ur" Dynasty, and became the mother of Dungi. The title "Uru-as'-nin Girsu" means "The lady (nin) of Uruas' (a title of the solar angel Tasi) at Girsu "-Girsu being the suburb of Sirlapur, where were situated the chief temples. This would explain why Uruas'-nin-Girsu is found to be styled on monuments "patesi (or priest or priestess) of Sirpurla," as she was apparently the solar priestess there under her father Gudia; it would also explain how (presumably after her marriage to Uru) she is styled "priestess of the god(dess) Ninā," and how

¹ Cambridge Anc. Hist., Babylonia, 1924, passim.
² This word-sign in Sumerian has values Sim and Nam and one which is lost. As Akkadi synonym has Khas'u, I have adopted this value.
³ Dukgin has the prefix As' "Lord"=" divine " or " heaven," which has Akkad value S'amu, which has evidently been adopted by the Sanskrit as not infrequent, thus showing " Semitic " influence.

she presented a beautiful carved votive-offering of a lady's coiffure in diorite to a "goddess," now in the British Museum. It would thus appear that Gudia, by his well-known overzealous devotion to religion, made both his son (Viswāmitra) and daughter religious devotees, and so lost his kingdom for his dynasty.

"Bur Sin I.," properly Buras'-Sin or Puras'-Sin, is disclosed as the historical original of the fanatical reactionary Paras'u Rāma of the Indian Epics, who killed his mother (presumably a Sun-worshipper), and massacred the Sunworshipping "Khattiyo" princes of the "Harvas'wa" and other contemporary dynasties. And he is still regarded as a popular hero amongst Indian Brahmans for raising the Brahman caste above the "Khattiyo" or ruler caste, by means of his axe, which he is represented in a common modern picture of his effigy as carrying (see Fig. 10); and his name Paras'u is rendered by Brahmans "axe." In calling the second part of his name Rāma instead of "Sin," it would seem that the later Indian Brahmans who edited the Epics intended "Rāma," ordinarily meaning in Sanskrit "dark, black, night," as a synonym for the Sumerian Sin, meaning "the Moon," of darkness, or to connote his "black " massacre.

Paras'u Rāma, although made by the later Brahmans a black incarnation of the Sun-god Vishnu, has little of Sunworship is related of him. The hymn ascribed to him in the Vedas¹ is mainly an invocation of various female deities, including B'arati and Night and Morning; and also refers to his offering of human sacrifices,^a which was abhorrent to Sun-worshippers. He is thus seen to have been a reactionary priest-king who incorporated in his religion the debasing matriarchal worship of the "Semitic" Chaldean aborigines with female deities and bloody sacrifices. This explains his massacre of the Sun-worshipping Haryas'was, and his in-

¹ R.V., 10, 110.

veterate hostility to Gudia's son the solar priest Viswā-Mitra, who is specially represented in the Epics as opposing



FIG. 10.—Paras'u Rāma or '' Rāma of the Axe'' (Bur-as' Sin, or Pur-as' Sin I., of Ur Dynasty).

As slayer of Haryas'wa's line of Kings and exalter of Brahmans. (After an eighteenth-century picture in Moor's Hindoo Pantheon.)

the human sacrifice of the Uru Dynasty. The records of "Bur-Sin I.," which are still extant on the monuments, are in keeping with this character; for although he repaired the ancient Sun-temple at Nippur he devoted his energies chiefly to the Moon cult and its goddesses at "Ur of the Chaldees," which is now being excavated with rich historical results by the joint expedition of the British Museum and the University of Pennsylvania under Mr. Wooley.

The name "Dungi" appears in the Indian Epics as "Dagni" with the prefix "Jama," so as to read "Jamadagni." This shows that the Sumerian name should be read Duk-gin¹ though the later Brahmans seem to read into it some meaning by the Sanskrit word Agni, "Fire" (from the Sumerian Ag = " Fire within "), as Fire was an essential part of the B'rigus' cult. The prefix " Jama " apparently represents the Sumerian prefix As' usually employed by Dungi, and meaning, as we have seen in Mudgala's seal, "Lord" (also "divine and heaven"), and it has the Akkad synonym of S'amu; so that Dungi would appear to have been called by his Semitic. Chaldee subjects and by the Chaldee followers of his son Paras'u Rāma "S'amu Dukgin." from which the later Brahmans made "Jamadagni."

S'us'ena of this seal is thus proved to be Sushena the second son of "Jamadagni" of the Indian Epics, and identical with King S'u-sin or S'uas'-sin or S'uas'enzu of the Ur Dynasty, and also identical with the "S'us'ena" of the state of the Sus'a king afore-mentioned, especially as we find that King "S'u-sin" or "Suas'sin" of this Ur Dynasty was suzerain of Sus'a.² And he is disclosed in this seal with the title of "Prince of Gus'a" as governor during the lifetime of his father Dukgin,³ of the tributary Edin district of the Indus Valley, about 2350 B.C. The finding of his signet in the fort of the Indus Valley, in view of the fact

The sign "Dun" reads also "Du-uk" or Dūk (cp. B., 5912).
 His brick inscription was found at Sus'a (cp. K.H.S., 284).
 He is made grandson of Dungi by Assyriologists.

that he afterwards reigned as king of Ur in Mesopotamia, presumes that he had probably given it to a deputy-governor to stamp official documents, and it afterwards was preserved, like that of Sarogon I. (Seal VII.), as a royal heirloom there, in Edin.

The place-name on these seals with the Bull sign for "place or land or dwelling" is not always "Edin," as we have found in Seal IV. In this case though the two signs following the Bull very probably mean "Edin," they also may read "Ag-du" or "S'a-ki" Land, as seen in the decipherment table (Fig. 10). And we shall find that "S'āka Land" (the "Saki" of the Sumerian) was a title of the Indus Valley.

SEAL NO. VI.

Official Signet of TAX, " minister of SIRGANA of Agdu" (SARGON I. of Agade).

The Vedic and Indian Epic DAXA (Dakska) re S'AKUNI or Sagara of Ajodhya (as Sargon I. of Agade).

This small seal (Fig. 2, VI.), the finest of the series in artistic skill and technique, and thus presumably one of the later, is one of the most critically important historically of the whole series, for it appears with certainty to reveal, by the actual signet of his governor, the great world-emperor "Sargon I. of Agade" as the suzerain of the Indus Valley about 2800 B.C. to 2750 B.C.; just as we have found was Uruas'-the Khad through his son's seal. And we now realize for the first time fully the truth of the claim by Sargon in his contemporary monuments, wherein he styles himself "Emperor of the Four Quarters of the World," "Lord of the lands of the Lower Sea (Persian Gulf and Arabian Sea) and of the Upper or Western Sea (Mediterranean), and of the Tin-lands beyond the Western Sea"-the Tin-mines of the Cassiterides and Cornwall in Ancient Britain.¹

¹ W.P.O.B., 160, 216 f., 413 f.

The critical word-signs here are those forming the two names of "Sir-gun-a" or "Sa-gana" for "Sargon I." and of "Ag-du" for "Agade" his capital. Their Sumerian word-signs with their phonetic values have been authenticated in the foregoing decipherment tables and foot-notes. If the place-name is "Edin" it is in series with the seal of Uruas' (or Ur-Ninā) as king of Edin.

The name "Sargon I." for the famous ancient worldemperor is adopted by Assyriologists in order to equate it with the Hebrew name for a later namesake, the Semitic Assyrian king "Sargon" of the Old Testament, who sent the Jews into captivity in the eighth century B.C. The ancient emperor, however, spelt his name on his own monuments, of which a few survive, as "S'ar-gu-ni" or Sar-ga-ni or "Sir-gu-ni." And later Semitic scribes wrote his name as "S'ar-ru-ki-in" and S'arru-gin, in which latter the first syllabic sign is given its Akkadian Semitic value, from which it is assumed that Sargon I. was a Semite, instead of merely that the scribes themselves were Semites. For "Sargon I." we shall find was one of the most celebrated Aryan emperors, and an Aryan Vedic king like "Ur-Ninā," "Gudea," Dungi, Bur Sin, etc.

Over twenty years ago, I observed in comparing the Indian Epic lists of the Ancient Aryan kings with the Mesopotamian King-lists that the great Aryan king "S'akuni," occupied a relative position in the "Lunar" version of these lists corresponding to that of "S'ar-gu-ni" in the Mesopotamian King-lists. Moreover, the leading kings before and after Sargon I. were generally similar on both lists; and S'akuni's "son" or "descendant" was "Karamb'a," which suggested some resemblance to "Naram-Sin" of Assyriologists, who for long called him the "son" of "Sargon I.," though now he is found to be his grandson, and the most famous of Sargon's "sons" or descendants.

Later, on revising at first hand from the Sumerian and

SEAL OF SARGON'S MINISTER, TAX OR DAX 65

cuneiform texts the readings of the Mesopotamian king's names as restored by Assyriologists, I found that the name read by them as " Naram Sin," also reads by other recognized values for the syllabic signs of that king's name "KA-RA-AM-BA," and thus absolutely equates with the name in the Indian Epic King-lists for the "son" or "descendant" of

Seal	Sumerian	Phonetic
		TAX,TAKH,LAX
Œ		an an m a
Ē	<u></u>]]	SA,SIR,GAL ²
		GUNU,GANA, ³
K	⊅	GU,GA,HAR
围		AG,ŠA ⁴
		DU, ⁵
U		AŠ

FIG. 11.—Signet Inscription of Tax (or " Dax ") minister of Sirgana of Agdu (Sargon I. of Agade).

Reads: Tax tax sa-(or sir)-gan-a (or gun-a) gu ag-du (or S'a-ki or Edin)-as'.

Transl.: Tax, the minister of Sir-gana (or Sa-guna) of the Land at (?) Agdu (or S'aki or Edin).

1. B.W., 278, Manis'tusu. Tax value, B., 6165. 2. This plumed Crown sign I have found with stem at one end several times (thus in Mudgala's seal, Fig. 5). On Sa value, B., 6839. It has also value Sir, cp. signs in definition in B., 6839, with 9519, and 9521.

3. This sign seems certain. It is a mannerism with the lapidary of this seal to not join up the transverse lines, cp. signs 1 and 2. On gunu value,

M., 2011; and kar, B., 3813. 4. Gu or 'Har='' Lands,' see before. 5. This sign seems a variant of du. I have added for comparison sign T.D., 210; B.W., 355, value Akh (B., 8290), but it is unlikely, as it has no meaning of '' fort, city or land '' like the analogous sign on all the other seals.

King S'akuni. This identity was not confined merely to the external form of the name, but as I find is usual in these Sanskrit names derived from the Sumerian, it extended also into the constituent syllables of this Sanskrit name. Thus I observed that the syllabic word-sign ba, which in Sumerian has the meaning of "Moon," has in Sanskrit ba the meaning of "lunar mansion" and $b'\bar{a}$ "to shine." And Ka, which has a Sumerian value of Na, meaning "no" or "not," is at least in the Akkadian a pronoun suffix, like the Ka in Sanskrit, which is a pronoun suffix especially in *negative* sentences. and also a suffix of diminution, *i.e.*, in a negative direction : 1 whilst Na in Sanskrit as in Sumerian = " no " or " not." Again Am(a) in Sanskrit means "strength," just as this Am or Ama in Sumerian means "strength." • Again Ra in Sanskrit=" acquiring," * and in Sumerian=" seizing," *i.e.*, "acquiring,"⁵ Thus the identity of "Karamba" in Sumerian and Sanskrit is complete ; and it shows that the authentic form of the name for Sargon's famous "son" or " descendant " is not " Naram Sin," but " Karamba."

Moreover, in the "Solar" (or Sun-worshippers') version of the Indian Epic lists of these Early Aryan kings, wherein the kings often bear different (solar) titles from those on the Lunar lists--parallel to the different and additional religious titles borne by the Ancient Egyptian kings as " son of the Sun"-in precisely the same relative position as occupied by S'akuni in the Lunar lists comes the great "world-emperor" SAGARA of Ajodhya or Ayodhya, the record of whose vast conquests generally resembles that of S'arguni or Sargon I. of Agade ----which latter city-name appears to be represented by the Ajodhya or Ayodhya of the Indian Epics.

This "Sagara" form of King S'arguni's (or Sargon's) name is actually found on his own Indus Valley seal, the next of the series (VII.). Now the "son" of Sagara in the Solar Indian Epics is "Asa-Manjas," who apparently corresponds to Sargon's eldest son the "Manis'-tis's'u or Manis'-tusu" of the Mesopotamian King-lists and inscriptions."

The identity of "Sargon I." of Agade with the "Sagunu"

¹ M.W.D., 240. ² *Ib.*, 80. ³ M., 3059. ⁴ M.W.D., 859. ⁵ B., 6353. ⁶ W.V.P., 3, 291 f. ⁷ The prefix *Asa* means in Sanskrit "shining," and thus may represent the usual *As'* or "Lord" prefix in Sumerian kings' names, especially as that word-sign has pictograph of the rayed Sun, *i.e.* "the shining one," see Seal V.

or "Sirgana" of this Indus Valley seal on the one hand, and with the Aryan king S'akuni or Sagara of Ayodhya or Ajodhya of the Indian Epic King-lists on the other hand, is thus practically established.

The personal name of the "minister" owner of this seal, "Tax," identifies him probably with "Tax (or Dax)-the-Goth," the father of the owner of Seal No. VIII., and with the Indian Epic prince *Daxa*, son of Citrasena, son of Narishyanta of the Solar line, whose descendants are called *S'aka*,¹ *i.e.*, Sacæ or Getæ or Goths; and thus would account for the owner of that seal (No. VIII.) being called "son of *Dax*," and being styled therein *Guti* or "Goth."

Two lines of descendants are ascribed to Narishyanta in the Epics, possibly owing to descent from two different sons. As the "son" of the Solar Manu, his descendants are Citrasena, *Daxa*, Mīdhuas (of Seal XIV.) and others to Satya-s'ravas^a (of Seal XVIII.?). Whilst as son of the Solar-line emperor Marutta (a Sumerian title for Morite or Amorite)^a his descendants are Dama (of Seal VIII.) and others down to Trinabindu, father of Vis'āli; ^a and Trinabindu was succeeded as "arranger of the Vedas" by a *Daxa*.⁵

From the agreement in the personal names in several of the following seals with those in the minor dynasty of Daxa's ancestor, Narishyanta, it seems possible that after Sargon's death the minister Tax of this seal, or his son, set up a petty independentor semi-independent dynasty in the Indus Valley, although they are nowhere called "king" on their seals. In this view, the Epic statement that the mythological Daxa (*i.e.*, Tascio) married the Asikni River,⁶ *i.e.*, the Bias tributary of the Indus near Harappa, and that his descendants were called "Haryas'was," ⁷ may be based on a memory of the presence of this Tax or Daxa minister of Sargon I.,

1	W.V.P., 3, 336.	² Ib., 3, 335.
8	W.P.O.B., 216, 243 f.	4 W.V.P., 3, 245.
	Ib., 3, 335.	⁶ Ib., 2, 12.
7	Ib., 2, 12 f.	

and of his sons in the Upper Indus Valley, and of his predecessor Sumerians there, the "sons" of Haryas'wa—the Sumerian emperor Uruas' (or "Ur-Ninā"), founder of the first Panch(-āla) or Phœnician Dynasty, with his capital at the seaport of Lagash or S'irlapur on the Persian Gulf.

"Ag-du" appears to be a possible reading of the placename on this seal, rather than "S'a-ki" or "Edin." The composite sign for the latter name "Edin" we have seen consists of the three signs Ga or Gu, "dwelling-place" or "land," Sir (or E?) and Du (or Dun?); and that the initial Ga or Gu, "dwelling-place" or "land" evidently takes the place of the later prefix Kur "land" or Uru "city"; and that the name of this city proper as Agdu, S'aki or "Edin" is given in the last two word-signs. Treated in this manner we get for this word-sign the value Ag-du,¹ which would thus seem a dialectic form of "Agade," which is supposed to be the source of the later Assyrian "Akkadu." The previous seal of S'usēna may also have this same reading for its place-name.

SEAL NO. VII.

Official Signet of King SAGARA, or Sargon I. of Agade. The Epic King SAGARA of Ayodhya.

This seal (Fig. 2, VII.) is of first-rate historical importance for both Indian and Mesopotamian history, as it is disclosed as the actual seal of the great emperor Sargon I. of Agade, under his solar Indian Epic title of "Sagara," as detailed under the previous seal of his "minister Tax."

It would appear that that great emperor, in the course of his world-wide conquests, actually visited his colony of Edin in the Indus Valley, or "S'āka Land," as it is called in the Indian Epics; and that he left his seal in the hands of

¹ The Du and Ki word-signs are almost indistinguishable in some of their early forms.

his governor there to stamp official documents. This would now explain more fully than has hitherto been known or suspected the real basis of fact on which Sargon I. claimed the title of "Lord of the Lower Sea" (the Persian Gulf and Indian Ocean).

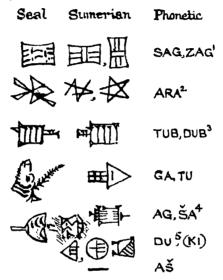


FIG. 12.—Signet Inscription of Sagara of Agdu (S'aki or Edin ?).

Reads : Sag-ara dub gu-ag-du (or S'a-ki or edin)-as'. Transl. : Sagara, the tablet of, at land of Agdu (or S'aki or Edin).

I. Sumer sign, T.D., 176; B.W., 291. Sag "prince," B., 6461; with Akkad value S'arru "king"; B., 6503—*i.e.*, same value as first part of Sargon or S'aru-kin's name.

- 2. T.D., 177; B.W., 261. Ara value, B., 5775.
 3. B.W., 157; T.D., 385. Dup "tablet "=Akkad Tuppu, B., 3935.
 4. This may read either Ag or SA.
- 5. May read either Du or KI.

The place-name here appears to have as its first sign the word-sign Ag or S'a, rather than that of "Edin"; whilst the second sign may read either du or ki, in which these form an essential portion of the place-name, and not mean merely " fort " or " land " or " city," as the " land " or " dwelling " element is the first sign Ga or Gu. In favour of the reading S'aki is the fact which we have seen that this was a Sumerian name for the "Edin temple of the Slave-girl," and it is clearly the equivalent of the Indian Epic $S'\bar{a}ka$ or "The Land of the S'akas," an Epic title of the Indus Valley, as seen later on.

There is, moreover, the fact recorded of King Sagara in the Indian Epics that he conquered the S'akas.¹ And it is further recorded therein that as a punishment, "he compelled the S'akas to shave the (upper) half of their heads,"² an outrageous punishment for a people who prided themselves as the Sacæ or Goths did in their long locks.

SEAL NO. VIII.

Official Signet of DAMU (or GUDAMA) the Guti or "Goth" son of Dax the 'Har(-ri).

The Epic DAMA of the Daxa line of S'akas (or Goths).

This seal (Fig. 2, VIII.) appears to be the signet of "The Warrior *Damu*," who was probably identical with the Epic prince *Dama* of the line of Daxa the S'aka, referred to in the notes on Seal VI., and who was possibly the owner of that seal.

The personal name as seen from the decipherment table may read "The warrior *Damu*," and this appears to be the reading intended, in view of the patronym *Dax* and the ethnic title "*Guti*" or "Goth." If the first word-sign *Gu* is taken as the first syllable of the name, the latter would read *Gudamu*, which equates with the Vedic and Epic name "Gotama," a title of the seer Dīrgha-tamas (or "Aus'ija"), who has been referred to in Seals I. and IV.; and whose descendants, the Aus'ijas, were also called "Gotamas," and are found in the Indus Valley seals; and the name is spelt "Godama" in the Burmese Pali, as the family name of Buddha, the seer of the S'akya tribe. "*Gādama*" (as

¹ W.V.P., 3, 291 f. ⁸ *Ib.*, 292.

"Gāmdama" with its nasal m must have read earlier) was the name of a man in Vedic literature, who bore the title of "Eka-Yāvan," 1 i.e., "The Ionian," and thus was presumably an early Goth.

His patronym of Dax or Tax equates with name of the



FIG. 13.—Signet Inscription of Damu the Guti son of Daz the 'Har(-ri). Reads : Gu(t)-damu gu-ti mar-dax (or -tax) gut (or har).

Transl. : The warrior Damu, the Guti son of Dax (or Tax), the 'Har(-ri).

1. This sign of the Egg and Chicken (or Goose) is written in Sumerian 1. This sign of the Egg and Chicken (or Goose) is written in Sumerian with egg outside chicken, see col. 2, from T.D., 36; B.W., 88. It has meaning of "bear children, family or kin" and ordinary value $M\hat{u}t$ or Mud. But it has Akkad value of $D\tilde{a}mu$ "family or kin" (B., 2276-7); and Damu is Sumerian for "child, son and daughter." It is thus probable that this sign had the Damu value also in Sumerian. In any case the Sanskrit, I find, frequently adopts the Akkad value of Sumerian words (W.P.O.B., 324, etc.); and this Damu value brings it into relation with the Dax natronym of the seal

Dax patronym of the seal. 2. This "Son" sign of a young animal in Sumerian, in col. 2, is from Khamurabi's Code, B.W., 392. 3. Sumer sign, T.D., 59; B.W., 182, period of Lugalzag.

owner of the previous seal (VI.), and with the personal name Daxa of the Vedas and Epics. In Vedic literature is a prince named Daxa, surnamed "The Hill-man" (Pārvati), and two teachers of that name,² and in the Epics also is a Vedic teacher Daxa,^{*} who may be one of these. Thus his

> ¹ Cp. M.K.I., 1, 118, 226. 2 Ib., 335. ⁸ W.V.P., 3, 35, 111.

patronym along with his ethnic title of Guti appears to identify him with *Dama*, the "descendant" or "son" of Narishyanta the S'aka (or Goth) before mentioned, of whom Daxa was also a descendant.

Of this Dama, descendant of Narishyanta, it is related in an Epic¹ that his bride Sumanā, daughter of King Dasarha, was rescued by him from his rivals, one of whom, Vapushmat, in revenge killed the grandfather of Dama, named Marutta, who had relinquished his kingdom and retired into hermitage. Thereon Dama slew Vapush-mat and offered the body to the manes of his "father" as an obsequial offering.

His tribal or ethnic title of Guti or "Goth" is of great historical importance as conclusively attesting his Aryan racial character, and the presence of Goths in the Indus Valley about 2750 B.C.

SEAL NO. IX.

Official Signet of As's'IAS' the Kaz(-zi) at Edin. Vedic AUS'IJA the Kās'i (?).

This "As's'ias' the Kaz" of this seal (Fig. 2, IX.) is apparently a different member of the Aus'ija family of priests from "As's'ias' the Khās' (or 'seer')" of Seal I., who bore the title of "Barugu" or B'rigu Fire-priest.

"Kaz" appears to be his clan title of "Kazzi," a recognized Phœnician form of "Kassi," see Chap. X. And the Aus'ijas were of the Kās'i line.

The place-name may be "Edin," as before, or "S'aki" (or Agdu); but the cylindrical sign seems open at the top, and thus resembles the Si or Sig sign as shown in the table. It cannot well be the sign "Daxa," as this has no stem.

Sumerian Phonetic Seal



FIG. 14.—Signet Inscription of As's'ias' the Kaz at Edin(?). Reads : As's'i-as' kaz edin (?)-as'. Transl.: As's'ias' the Kaz(-zi) at Edin(?). 1. B.W., 364A, pl. 169. On *Kaz* value, M., 6540. 2. B.W., 308 and 321 with *Si* and *Sig* values.

SEAL NO. X.

Official Signet of KAN(-WA?) S'AR . . . of S'iki (S'ug-ki). The Vedic KANWA S'RAYASA (?).

In this fragment of seal (Fig. 2, X.), a considerable portion of the inscription is lost, but the initial portion shows it was the seal of a Kan(-wa) Fire-priest.

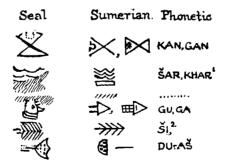


FIG. 15.—Signet Inscription of Kan(-wa?) S'ar . . . of S'iki (or Sugki). Reads: Kan s'a...gu-s'i-ki (s'ug-ki)-as'. Transl.: Kan(-wa?) S'ar...at S'iki(?).

 This seems the S'ār sign, B.W., 170, Manis'tusu.
 This seems variant of Wheat-ear sign, B.W., 323. The Sumer sign in col. 2 is of " Ur-Ninā " period.

This probably is the seal of Kanwa S'rayasas, a Vedic sage mentioned in Vedic literature.¹

The place-name appears to read S'iki or S'ugki. This may be a dialectic variant of S'aki, the "S'aka Land" of the Lower Indus. "S'ikhi" is a variant of S'ibi in the Indian Epics.^a

SEAL NO. XI.

Official Signet of S'ar-gad GAL-'HA the Bargu or B'rigu Fire-priest.

The Indian Epic priest GALAWA the B'rigu.

This partly broken small seal (Fig. 2, XI.) reads clearly (except in regard to the last word-sign, which also, however,

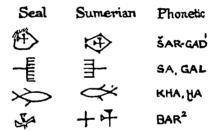


FIG. 16.—Signet Inscription of S'ar-gad *Gal'ha*, the B'rigu. Reads : S'ar-gad gal-ha bar-gu. Transl. : S'ar-gad *Gal'ha* the Bargu or B'rigu.

1. B.W., 364 B. Value S'ar-gad, B. 12221.

2. T.D., 29; B.W., 77.

seems fairly certain) "S'ar-gad Gal-'ha Bar-gu." It thus appears to be the seal of the Indian Epic priest Gālawa the B'rigu of the Kus'ika line, who is associated with Paras'u Rāma³ of that line, see before. S'ar-gad may mean "King of the *Gad* (*i.e.*, Phœnicians)" or "King Gadhi," *i.e.*, Gudia or Gudea. In either case this B'rigu appears to have been the family priest of a king, Phœnician or otherwise,

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<sup>1</sup> M.K.I., 1, 134.
<sup>2</sup> W.V.P., 3, 7.
<sup>3</sup> Ib., 2, 113; 3, 23.
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"Gadhi," we have seen was also of the Kus'ika line. On the title *Gad* for "Phœnician," see seal, No. XIII.

The swastika form of the Bar sign, +, will be noticed.

SEAL NO. XII.

Official Signet of S'ABTAR . . . of Edin. Epic SAVITRI (?) Vedic teacher.

This defaced and scaled seal (Fig. 2, XII.) is illegible in considerable parts of its legend; but its first two signs are distinct, especially the first. These read S'ab-tar and

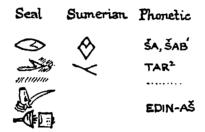


FIG. 17.-Signet Inscription of S'abtar of Edin.

Reads: S'abtar . . . edin-as'. Transl.: S'abtar . . . at Edin.

1. T.D., 255; B.W., 340, "Eannatum," where chevron first appears. 2. T.D., 123; B.W., 12.

apparently identify this personage with the subject of the Death-Amulet Seal No. XVIII., which see.

The name S'abtar equates fairly well with the Sanskrit Savitri, the name of a teacher who "arranged the Vedas" in the fifth age; ¹ and a Savitri who was the grandson of the mythic Daxa; ³ whilst $S\bar{a}vitr\bar{i}$ was a daughter of that Daxa.³ The two latter may thus be derived from the historical owner of this seal and grafted on to the mythic Daxa by the later Indian myth-mongering Brahmans.

 This Sumerian seal name Sabtar, meaning literally

 "Heart" (S'ab) + "decide, look after " (tar), appears to

 1 W.V.P., 3, 34 f.

 3 Ib, 2, 21.

 4 B., 381; M., 316.

disclose the Sumerian source and meaning of the Sanskrit "Savitri," "the vivifier or enlivener," as "looker after the heart," as a title applied to the God behind the Sun as the "vivifier."

The remaining two fragments of seals, which are obviously signets, as distinguished from Death-Amulets, although containing the bull and in one case the "Edin" designation, want altogether the portion bearing the personal name or title.



FIG. 34.—Buras' Sin or Puras' Sin, Paras'u Rāma, exterminating the Haryas'was. (After an eighteenth-century picture from Moor's Hindoo Pantheon.)

VIII

DEATH-AMULET INDO-SUMERIAN SEALS FROM MOHENJO DARO AND HARAPPA DECIPHERED AND TRANSLATED Disclosing owners as Aryan Sumerian Vedic and Indian Epic priests, priestesses and princes; Amulets for Resurrection from the Dead by Sun; Formulas identical with Amorite Phænician "Cupmarked" Inscriptions in Ancient Britain; and Sumerian origin and meaning of Indian Sungod Vishnu.

THESE Sumerian Death-Amulet seals from the Indus Valley (see Fig. 3), forming as they do a class apart from the official signets, are treated here separately, and are numbered in consecutive order with the signets for reference. Like the second series of signets from the Indus Valley, there is so far no record published as to which of them were found at Mohenjo Daro and which at Harappa.

The discovery that the Sumerian "Sun-worshippers" made free use of Death-Amulet seals in order to procure Resurrection from the Dead by means of the "Resurrecting" Sun has been announced and detailed in my former work with numerous illustrated and translated examples—not only from the Sumerians, but also from the Hitto-Phœnicians and Amorites and their Trojan branch, and from the Morite Phœnicians as recorded in the prehistoric Cup-marked inscriptions in Early Britain.¹

¹ W.P.O.B., 236 f.

Although such Sumerian Death-Amulets with their prayers for Resurrection are, as I have observed, common amongst the Sumerians and have been unearthed in considerable numbers in Mesopotamia and Susa ("Elam ") and on Hitto-Phœnician seals, they nevertheless have not hitherto been recognized as such by Assyriologists, who have tried to read their "numeral" script as mere numbers, and thus have been misled into conjecturing these Death-Amulet seals and tablets to be merely "temple accounts" of supposed votive gifts of specified numbers of articles or animals to the Sun or other deity, though such "readings" have signally failed to yield any very consistent or intelligible results.¹

These Death-Amulets of the Sumerians in the Indus Valley now confirm my former readings of this "Cup-mark" Sumerian numeral script, and thus confirm my discoveries regarding the Sumerian origin and phonetic sacred values and readings of the Cup-mark script on the prehistoric monuments and gravestones of Ancient Britain, and on the Sumero-Phænician racial origin of the Goths and Britons, as well as the Indo-Aryans.

The outstanding feature of the script on these Death-Amulet seals, it will be noticed, is the presence *in each* of them of vertical strokes, in series of threes and upwards, *which are entirely absent in the signets*. These vertical strokes represent the Sumerian numeral notation, which in the archaic lapidary Sumerian script was represented by drilled *Cup-marks* or circular depressed cups, and not strokes, as already noted in Chap. IV. The manner in which the Early Sumerians apparently came to use these numerical cup-marks and series of strokes, from one upwards, as a sacred mystical script with definite ideographic values for The One Universal Father-god Induru or Bel (I or unity), the Sun (2, for Day and Night or "Resurrecting" Sun), the Dead (3) and so on, is fully detailed in my former work in the chapter on "Sumerian Cup-mark Script."

¹ E.g., J.A.O.S., 23, 19 f.

The formulas inscribed on these Indus Valley Death-Amulets, significantly are seen to be couched in the same general form, with the same divine names, as those which I have previously translated from Sumerian, Hitto-Phœnician, Trojan and Morite Phœnician Death-Amulets, and the Cup-marked tombstones of Ancient Britain. They invoke for resurrection from the dead, by the Resurrecting Sun, the aid of the Father-god Induru (Indra, "Ia" or Bel), or his solar archangel Tax (Tascio or St Michael, "Ningirsu"), "The Sun-Fish" or the Sun itself, as in the amulets I have formerly translated. And it will be seen that the supposititious Sumerian "goddess Ninā" of Prof. Sayce and others is the Resurrecting Sun-Fish divinity invoked on these seals, and identical in form and name with the Indian Sun-god Vishnu.

As such Death-Amulets were usually tied to the dead bodies of the persons respectively named therein, or buried alongside their bodies or ashes, the unearthing of these Death-Amulets in such numbers during the excavation of these two Indus Valley sites presumes that the actual tombs of the persons therein named—including Early Vedic and Epic priests, priestesses and princes—were exhumed during these excavations. A photograph of one of these masonry tombs at Mohenjo Daro¹ shows that the body, as usual with the Early Sumerians, was buried in a "hunched" or contracted position—the body being laid on its side with the face turned towards the rising Sun. Similarly, the finding of so many signets also presumes that some of them also were exhumed from the tombs of their owners.

The Script on these Death-Amulets is of the same Sumerian type as on the signets, with the addition of the higher series of the Sumerian numeral script. An especially interesting sign is the wavy line with two other associated lines in Seal XIV. (Fig. 19). It evidently represents the three

wavy lines found on Early Sumerian, Phœnician and Trojan Death-Amulets and on the Cup-marked "prehistoric" monuments of Ancient Britain.¹ It has the word-value of Kus or Lum, meaning "the Cut off (dead)," or "Crouched up (dead)," ² which latter may refer to the crouched up position in which the Sumerians and Early Aryans buried their dead.³

The Language on these Death-Amulets, as on the signets, is standard Sumerian of the same condensed early agglutinative type with a minimum of grammatical elements.

Like the signets, as the photographs of these amulet " seals " are direct and not from impressions, they require to be turned on their right side for decipherment, which gives the word-signs in reversed form, as seen from column 2 of the decipherment tables.

SEAL NO. XIII.

Death-Amulet Seal of UGGU the "Gad," "Kad" or " Phænician."

The Vedic (?) UCCAIH king of Kuru-Panch(-ālas) or "Svrio-Phœnicians."

This amulet seal (Fig. 3, XIII.) is of immense historical significance if, as seems almost certain, it discloses the wearer as a celebrated Vedic king of the Kuru-Panch(-āla) or Svrio-Phœnicians, and the Early Vedic kings were ex officio priest-kings or seers. It moreover employs the title "Gad" or "Kad" (as in Seal XI.) for "Phœnician"-and a title which I have shown was a favourite one of the latter.⁴

¹ W.P.O.B., 15, 238 f., 249, 308.
² M., 8564, 8567-8.
³ It was formerly read by me in my translations of Amulets as "multitude of waters" (W.P.O.B., 255 f.), in accordance with its usually supposed pictograph; but now is seen to mean "cut off" or "crouched up," like a "bunch of withered grass."

⁴ W.P.O.B., 18, 74 f., 200 f.

DEATH-AMULET OF UGGU, KAD OR PHŒNICIAN 81

It thus supplies direct evidence for the presence of Phœnicians in the Indus Valley about 3000 B.C.

It also discloses the Sumerian origin and meaning of the Indian Vedic name "Vishnu" for the Sun-god, and the

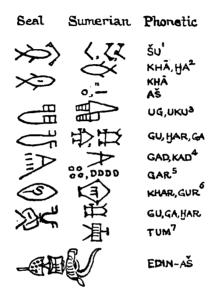


FIG. 18.—Amulet Inscription of Uggu the Gad or Kad (or Phœnician).

Reads: S'u-khā kha-as' uk-gu gad gar gur (or Khar) gu-tum edin-as'. Transl.: O Setting-Sun Fish 1 the sage Uggu the Gad lift up from grave, bring to Life, at Edin.

1. T.D., 257; B.W., 365 and 490. Setting Sun with value S'u.

2. Fish sign as before.

3. T.D., 183; B.W., 150. "A horned wild animal," M.D., 58. Ug or Uk (B., 3860)=? source of our English word "Ox" and Sanskrit Uksan "Ox."

4. T.D., 178; B.W., 101. Gad or Kad, B., 2701.
5. Gar, B.W., 433, pl. 112, and W.P.O.B., 243 f.
6. B.W., 361, Gur, Khar (B., 8514-6)="box, receptacle, lie down, pit"
(B., 8586, etc., and M., 6428 f.)=our English "Grave."
7. T.D., 167; B.W., 390. Tum="Life," M., 6816.

name "Sukhā" for the Western Ocean paradise of the Sungod in Brahmanist and Buddhist myth.

On "The Fish of the Setting Sun," which is here invoked for Resurrection from the Dead, and its pictorial representation on ancient Sumerian and Hitto-Phœnician sacred seals and on Ancient Briton monuments, see my former work,¹ of which the results therein announced are now confirmed and established by the evidence of these Indo-Sumerian seals.

This Sumerian "Fish" title for the Sun-god on this and the other amulet seals, as "Fish of the Setting Sun (S'u $kh\bar{a}$)" is of the utmost critical importance for establishing the Sumerian origin of the Indo-Aryans, and the Aryan character of the Sumerian language, as it discloses for the first time the origin and hitherto unknown real meaning of the Vedic name for the Sun-god "Vishnu," and of his representative as a Fish-man, as well as the Sumerian origin of the English word "Fish," the Gothic "Fisk" and Latin " Piscis."

The first "incarnation" of the Sun-god Vishnu in Indian mythology is represented as a Fish-man (see Fig. 19), and in substantially the same form as the Sumerian Fish-man personification of the Sun-god of the Waters in the Sumerian seals.

Now the Sumerians of Mesopotamia called the Setting Sun "The Fish ($Kh\bar{a}$) "²—a fact which has not hitherto been remarked or recognized. And this Sumerian title of "Fish" for the Sun is explained in the bilingual Sumero-Akkadian glossaries by the actual word occurring in this and the other Indo-Sumerian amulets, namely S'u-khā, with the addition of "man" (na),³ by word-signs which read literally "The Winged Fish-man ": * thus co-relating the Winged or soaring Sun with the Fish personification of the supposed " returning or resurrecting " Sun in " the waters under the earth." This solar title of "The Winged Fish" is further given the synonym of "The turning Bi i-i-es'," 5 which latter name

¹ W.P.O.B., 247 f., 251, 308.

^{* 10.,} and 1500. * S'u = " wing," B.W., 311.* Gar-bi-i-i-es' (B., 7244); gar = " turn " (B., 11984); es' (B., 2551).

SUMER ORIGIN OF VISHNU IN NAME AND FORM 83

is evidently a variant spelling of the Sumerian Pi-es' or Pish for "Great Fish" with the pictograph word-sign of



FIG. 19.—Sumerian Sun-Fish as Indian Sun-god Vishnu.

From an eighteenth-century Indian image (after Moor's Hindoo Pantheon).

Note the Sun-Cross pendant on his necklace. He is given four arms to carry his emblems: (a) Disc of the Fiery Wheel (weapon) of the Sun, (b) Club or Stone-mace (Gadā or Kaumo-daki)¹ of the Sky-god Varuna, (c) Conch-shell (S'ank-ha), trumpet of the Sea-Serpent demon,^a (d) Lotus (Padma) as Sun-flower.³

I. Significantly this word "Kaumo-dakl" seems to be the Sumerian Qum, "to kill or crush to pieces" (B., 4173; B.W., 193) and Dāk or Daggu "a cut stone" (B., 5221, 5223). 2. "Protector of the S'ankha (or Conch)" is the title of the first and

2. "Protector of the S'ankha (or Conch)" is the title of the first and greatest Sea-Serpent king in Buddhist myth, see my List of Nāga (or Sea-Serpent) Kings in Jour. Roy. Asiat. Soc., Jan. 1894.

3. On the Lotus as symbol of heavenly birth, see my W.B.T., 338, 381, 388.

Fish joined to sign "great." 1 This now discloses the Sumerian origin not only of the "Vish" in Vish-nu, but also of the English "Fish," Latin "Piscis," etc.-the labials B, P, F and V being freely interchangeable in the Aryan family of languages. The affix nu in "Vish-nu" is obviously the Sumerian Nu title of the aqueous form of the Sun-god S'amas and of his father-god Ia or In-duru (Indra) as "God of the Deep." * It literally defines them as "The lying down, reclining or bedded " (god) " or " drawer or pourer out of water." 4

It thus explains the common Indian representation of Vishnu as reclining upon the Serpent of the Deep amidst the Waters, and also seems to disclose the Sumerian origin of the Ancient Egyptian name Nu for the "God of the Deep."⁵ Thus the name "Vish-nu" is seen to be the equivalent of the Sumerian Pish-nu, and to mean "The reclining Great Fish(-god) of the Waters"; and it will doubtless be found in that full form in Sumerian when searched for. And it would seem that this early "Fish" epithet of Vishnu for his "first incarnation" continued to be applied by the Indian Brahmans to that Sun-god even in his later "incarnations" as the "striding" Sun-god in the heavens. Indeed the Sumerian root Pish or Pis for "Great Fish " still survives in Sanskrit as Vis-āra " fish." • This name thus affords another of the many instances which I

¹ On sign T.D., 139; B.W., 303. The sign is called "Increased Fish" (*Kua-gunu, i.e., Khā-ganu, B., 6925*), in which significantly the Sumerian grammatical term gunu meaning "increased" as applied to combined signs, is radically identical with the Sanskrit grammatical term gun.a (=" multi-plied or auxiliary," M.W.D., 357) which is applied to the increased elements in bases forming diphthongs, and thus disclosing also the identity of Sanskrit and Sumerian grammatical terminology. ² M., 674I, 6759; B., 8988. ³ B., 8900-1. 8007.

² M., 6741, 6759; B., 8988. ³ B., 8990-1, 8997. ⁴ Ib., 8993. ⁵ This Nu is probably a contraction for Nun, or "Great Fish," a title of the god Ia (or Induru) of the Deep (B., 2627). Its Akkad synonym of Naku, as "drawer or pourer out of Water," appears cognate with the Anu(n)-naki, or "Spirits of the Deep," and with the Sanskrit Nāga or "Sea-Serpent."

• M.W.D., 1000. The affix ara is presumably the Sanskrit affix ra, added to roots to form substantives, just as in Sumerian the affix ra is similarly added (cp., L.S.G., 81).

have found of the Sumerian origin of Aryan words, and in particular in the Sanskrit and English.

This Fish-man form of the Sumerian Sun-god of the Waters of the Deep, Piesh, Pish or Pis (or Vish-nu), also appears to disclose the unknown origin of the name of the Greek Sea-god "Pos-eidön," the Neptune of the Romans (see Fig. 20). That name now seems to mean "The Likeness (erdön) of Pos," i.e., Pis or Piesh, "The Great Fish";

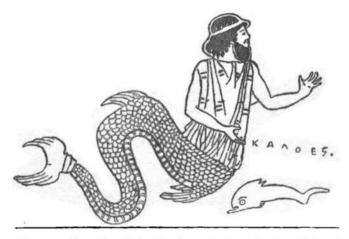


FIG. 20.—Pos-eidōn of the Greeks as the Sumerian Sun-Fish god Pis or Bēiesh. From Greek vase painting of fifth century B.C.

and thus discloses the derivation of that Greek name and myth from the Sumerian. Moreover, the second part of that Greek name, $eid\bar{o}n$, as well as its cognates in the Aryan family of languages, are also clearly derived from the Sumerian. In Sumerian Bi-ad =" see, look, form."¹ Now in Early Greek $eid\bar{o}n$ is spelt Fid-on, " see or look," and is cognate with the Latin Vid-eo, the Sanskrit Vid or Ved, "know," Gothic Vit and English " to wit" and " wit-ness"; and thus again is disclosed the Sumerian origin of Aryan words.

¹ Bi-ad, B., 9258; Bi, value, B., 103.

Further and complete identification of this Sumerian solar divinity or angel of Induru (Indra), "The Setting Sun-Fish," with Vishnu is had in the Sumerian tradition which connotes "Three" and "Steps" with the Winged Sun-Fish and "The Great Fish"; and thus discloses the Sumerian origin of the Indian Vedic tradition frequently referred to that Vishnu takes "Three Steps." In the Sumerian definition of the Setting Sun as a "Fish" we find the Sun described as "The Stepping Fish-man";¹ and



FIG. 21.—Vishnu as Sun-Fish man (S'ukha or Blesh) in Assyrio-Babylonian monuments. (After Layard.)

S'ukhā or "The Winged Fish" is defined as "*Bi-i-i-esh*," which is obviously a variant spelling of *Pi-esh* or *Pish* or "Great Fish." And this latter word has also the secondary meaning of "Three,"² presumably from fish occurring in swarms, and "three" was an early primitive expression for "a large number."³ These "Three Steps" of the Sungod Vishnu are thus seen to be the three steps or stages of the Sun's supposed daily progress : (I) upwards from the horizon of sunrise to the zenith, (2) downwards from the

¹ Gir-kha-na, B., 8638. Gir="step" (B., 9185). This has been arbitrarily rendered "eserit" and "madutu" of the Semitic. ³ B., 6938. ³ Cp. P.S.L., 269. zenith to sunset, and (3) the supposed retrograde or "resurrecting" stage as a Fish, from west to east, through "the waters under the earth" to the point of sunrise.

This now recovers for us the explanation, personality and hitherto unknown name of the common Assyrio-

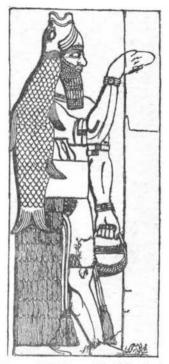


FIG. 22.—Sun-Fish-man (S'ukha or Biesh) bestowing the ambrosia of Resurrection and Life, in Assyrio-Babylonian monuments. (After Layard.)

Babylonian images of the Fish-man divinity traversing the waters (Fig. 21), or carrying a basket and bestowing the Lifegiving ambrosia of Resurrection (Fig. 22). On his name as the so-called "goddess Ninā" (see App. II.). This Sun-Fish divinity of the Resurrection and the Life of the old Aryan gentiles seems also the source of the title "The Fish" applied to Christ by the early Christian fathers,

and his symbol as such is usually represented facing eastwards like the Sumerian and Hittite Sun-Fish-god.

This "S'ukhā" name for the Resurrecting Sun-Fish is apparently the Sumerian source of the Sanskrit name Sukhā for "heaven" and for "the western paradise of the God of the Deep " (Varuna), who is represented in Indian mythology as a Fish-man, as in the Sumerian seals of this Sun-Fish, or as riding upon a Fish. This Resurrecting Sun-Fish name "S'ukhā," seems also to disclose the Sumerian origin and unknown meaning of the Sanskrit mystic invocation and amulet word "Swāhā," so common in Brahmanism and on Buddhist amulets ; ¹ through the later dialectic dropping out of the k in the guttural kh of the $kh\bar{a}$, whereby Khatti became "Hatti" (or "Hitt-ite") and Khamurabi became "Hamurabi"; and thus "S'u-khā" became "S'uhā" and "Swāhā." *

The personal name Uggu equates fairly well with the Vedic Uccaih - "the famous" (Uccaih-s'ravas) surnamed Kaupayeya, who was a king of the Kurus,³ and a maternal uncle of the Panch(-āla) or Phœnician prince Kes'in Darbhya. The Kurus and Panch(-ālas) are repeatedly referred to as kinsmen and allies under a joint king.⁴ This would explain the Gad or Kad title in the seal; and this Gad or early Gothic personal name Uggu is probably the original of the latter Arvan personal name aspirated as "Hugo."

The Sumerian word-sign here for "grave," Gur or Khar, is defined as "box, receptacle, slay, lie down, dig," and thus seems to be the origin of our English word "grave." In the Akkadian the sign is called Khāra, also Kapru (presumably cognate with Kaparu, "cover, destroy"),⁵ and

¹ W.B.T., 405 f.
² This "Swähä" so common an invocation in the mouths of Brahmans is merely called "the calling to the gods," and by later Brahmans is supposed to be the name of the wife of the Fire-god.
⁸ M.K.I., 1, 84, 187. Thus the first historical king of the Ganges Valley, already referred to, is described as King of the Kuru-Panch(-ālas).
⁴ M.D., 403.
⁶ W.P.O.B., 54.

thus presumably the origin of the late Phœnician Khabr or Oabr, "a grave," and the Gothic Kubl, and English " cover."

SEAL NO. XIV.

Death-Amulet Seal of MIDAS'. The Epic MIDHWAS, "son " of Daxa the S'aka.

This important seal (Fig. 3, XIV.) supplements and confirms the reading of several of the preceding signet seals

> Seal Sumerian Phonetic ŝ SU-KHA KHA2 ٨š MAN, TAB³ MID BADUS AŠ MATUS KUS,LUM, HUM GI,GIN TUM7

FIG. 23.—Amulet Inscription of Midas'.

Reads : S'u-kha kha-as'-buzur mid-as' matu kus gin tum.

Transl. : O Setting-Sun-Fish | The seer of the Sun, Midas' the dead one, the cut off, bring to Life !

1. See previous Fig.

2. See previous Fig.

See previous Fig.
 On this sign for the Sun as a dual with phonetic value of Buzur, Man or S'amas', see footnote to Fig. 8 (Seal IV.); and W.P.O.B., 242 f.
 T.D., II; B.W., 70. On Mid value, B., 1481.
 Matu or "Dead one," cp. W.P.O.B., 243 f.
 Kús, "cut off," M., 8566-7; Lum, crouch, squat, M., 8564.
 This broken sign at end seems same as last sign on previous seal

Tum " Life."

in regard to Dax or Tax and his sons, the Sanskrit Daxa (or "Daksha"); for in the Indian Epics "Midhwas" is recorded as a son of Daxa the grandson of Narishyanta, who was also "father" of Dama of the "Solar" race of the Mithila line 1—a line which I find was apparently the proto-Medes or Mitani.

It is moreover of great historical significance to find the Aryan personal name of "Midas'" recorded at this early period, presumably about 2700 B.C., and on a Sumerian seal. Daxa of the Indian Epics was, as we have seen, a S'aka, *i.e.*, Saca or Geti or Goth; and the famous Anatolian king Midas of classic Greek legend was an Aryan and presumably a Mede, and I have shown that the Medes were *Guti* or Goths.

Midhwas was son of Daxa, son of Citrasena,^a the same ancestors as those of Dama of Seal VIII., Daxa being probably identical with Tax the owner of Seal VI. This Death-Amulet evidencing the death and burial of Midas' in the Indus Valley, alongside the other members of the Dax family, thus affords strong confirmation of the readings of those other seals.

There was a "Medhas," son of King Priya-vrata and brother of Dyutimat, previously mentioned, and brother to a king of Kus'a, and he adopted the religious life.³

The title "Seer of the Sun" is significant, and is in keeping with what we have seen of the solar religion of these seal holders. And it is to be noted that it is the *dual* Sun—*i.e.*, the Day and "Night," or returning or "Resurrecting" Sun which is here written. This is of great interest, as this dual Sun-sign frequently occurs in Sumerian, Hitto-Phœnician and Trojan Death-Amulets, and also on the funeral Cup-marked stones of Ancient Briton monuments, as described and illustrated in my former work.⁴ This conception of the Sun as of two aspects, resulted in its being placed under a pair of twin guardian Sun-angels of the Father-god (Ia, Induru or Bel), who were called by the Hittites Nāsata, the Nāsatya

¹ W.V.P., 3, 335. ³ Ib., 2, 101.

² Ib., 3, 335. ⁴ W.P.O.B., 247, 251, 308.

of the Vedic Aryans, frequently invoked in the Vedic hymns,¹ and by Aus'ija Kakshīvan amongst others.³ And these twin Sun-angels are obviously the Sumerian source of the Greek myth of the inseparable twin demigods of the sky, the Dioscuri, sons of Zeus, namely, Kastor and Polydeukes. Their Fire and Water origin is evident also from the Greek myth, making them specially invoked by sailors in distress, and by their manifestation as electric fire at the masthead of ships sailing in storms.

Seal No. XV.

Death-Amulet Seal of UZUAS' the Seer Slave-girl of the Temple of the Sun. ? The Vedic and Epic US'IJ, the Amorite Slave-girl priestess of Seal IV.

This Death-Amulet (Fig. 3, XV.) is of surpassing interest, as it appears to be the actual Resurrection Amulet of the Amorite Sun-priestess and "slave-girl Us'iz" of Seal IV., the Vedic and Epic Us'ij.

The inscription is also notable in that it contains a postscript at the end, in the right-hand lower corner, inserting the additional word-signs (7, 8 and 9) to complete the sense, and introduce the cherished title of "Slave-girl of the Sun." This postscript is scratched in shallow graving. And like the previous amulets this one also appears to begin its prayer for Resurrection with the invocation of the Fish of the Setting Sun, S'ukhā—though the upper part of this initial compound Fish-sign is broken off.

Uzu-as', as a personal name here, means in Sumerian "diviner, seer or magician" (Uzu) + "One or perfect" (As'), and thus literally "The perfect diviner." It is practically homophonous with the name of Us'ij in Seal IV.

¹ W.P.O.B., 242. ² R.V., 1, 116, 4, etc.

as "Us'-iz," i.e., "The News(-giver) by the (divining) Wood "-Us' =" news," and iz = " wood." ¹ And this name with the added title "Slave-girl" and the rising Sun word-



FIG. 24.—Amulet Inscription of Uzuas' the Seer Slave-girl of Temple of Sun.

N.B.—The postscript is placed within square brackets.

Reads: (S'u-)khā khā-as' uzu-as' matu bara [gim] gin [tum ra]. Transl.: O (Setting Sun-) Fish! The Seer Uzuas' the dead one of the temple [the Slave-girl] bring [to Life O Sun !]

1. Top broken off but shows below tail of Fish, and thus presumably the compound Sú-kha sign of previous two seals.

2. *Khā-as*, as in previous scals. 3. T.D., 400 bis Suppl.; B.W., 188. Uzu, "diviner or magician," B., 4666.

4. Matu, see previous seal.

5. T.D., 88; B.W., 301. Bara house, sanctuary, B., 6878, 6881. 6. Gim, see Fig. 8, Seal IV.

7. See previous seal. 8. This broken sign seems *Tum*, see previous seal. 9. T.D., 234; B.W., 337. "Rising, Sun Bright," *Ra*, M., 5741, 5, 47, etc.; Ut. Babbar, B., 7797, etc.

sign appears to identify her certainly with the owner of the signet Seal IV. Here it is interesting to note that the word-sign Uzu or "diviner" has also the synonym of Azu, meaning also "diviner or seer" as well as "physician"; but it will be noticed that this name is spelt on Lord

¹ See Fig. 8. Seal IV.

Mudgala's seal in Fig. 5 " A-zu " or " The Water-knower," thus implying a divination by Water, and not by the sacred divining Wood-rod. As she is styled also "The Seer or Necromancer " (Khas'), it is clear that Uzuas' is her personal name.

Bara, the word for "temple," literally means "house or building as well as sanctuary"; ¹ and thus incidentally discloses the Sumerian origin of this series of Aryan house words. Thus the Sanskrit vara, a "room": Bengali bari, "house"; Gothic Eddic bur, bær, "house"; * Swedish bur, "house, cottage"; English "bower," "barn" and "byre "----in which last two the sense has become degraded : whilst the Sumerian name of this word-sign and its Akkad value *parakku*, obviously survives in our word "barrack." And the Egyptian par, "house," is now seen to be derived from this Sumerian root, as well as the buttressed Egyptian hieroglyph for "temple," which is seen to be an adaptation of this Sumerian pictograph for "temple" or "house," as seen on this seal.

Similarly, Ra. "the Rising Sun," here is disclosed as the Sumerian origin of the Egyptian Ra; and of the Sanskrit Ra-vi, "the Sun," derived from the Sanskrit Ra, "brightness, splendour," ⁸ a word which is now seen to be derived from this Sumerian Ra, which secondarily meant "brightness, splendour "; " and also apparently the Sumerian source of our English word " Rav."

It is highly significant in regard to this Grave-Amulet "seal" of a Sumerian Sun-priestess from the Indus Valley to find that its prayer formula is couched in the same general form as that in the Grave-Amulet of the Aryan Amorite Sun-

¹ B., 6876-8, presumably derived from *Bar* "wood" (or wooden *bar*?), M. 984, which implies that the early houses were made of wood bars? ³ M.W.D., 921. ³ V.D., 89, 92. ⁴ B., 6870. ⁵ M.W.D., 859. Thus the ordinary Sanskrit, Hindi and Bengali name for Sun-day is still "*Ravi*-war," and the Indo-Persian for Sun-day is "*It*-war," which is presumably derived from the Sumerian synonym of this Sun size 114

this Sun sign, Ut. ⁶ M. 5741, 5747, 5785.

priestess from Smyrna of similar or earlier date, which I have figured and deciphered and translated for the first time in my previous work. The present seal thus confirms my translation of that Amorite Grave-Amulet, and of the others, Sumerian and Trojan as well as the Cup-mark script on the tombs of the Ancient Britons.

SEAL NO. XVI.

Death-Amulet Seal of (? UKHZU) of (?) Dara-saki.

There seems to be no personal name on this seal (Fig. 3, XVI.); and the place-name appears to be "Dara-Saki" rather than Edin; and "S'aki," we have seen, was a title of the Slave-girl of Edin. The seal is especially interesting as praying for rebirth in "Heaven"—*Imin*, the "Himin" of the Eddic Goths; and for its invocation of The Sun-Hawk.

The word "Ukh-zu," if it so reads, seems to be not a personal name but an invocation to the Sun as "The Hawk" or Ukh—a Sumerian name which appears to be the origin of our English word "Hawk"; with the vocative second personal pronoun suffix zu or "thou," thus forming the invocation "O Thou (Sun-) Hawk." On the Sun-Hawk on Sumerian and Hitto-Phœnician seals and on pre-Roman Early Briton coins and monuments, and its invocation, see my former work.¹ If it be a personal name, it suggests the Gothic and Scandinavian name Hugo, Hako or Hugh.

The animal portrayed as the first part of the compound sign for the place-name is clearly by its non-bovine form, long neck and short erect tail, not an ox, but is evidently a goat or deer-antelope, the *Dar* or *Dara* of the Sumerians, thus disclosing the Sumerian origin of our English word "*Deer*." And the next two signs, we have seen, may read S'aki, thus giving a full place-name of Daras'aki or Dara-S'aki or "Dara of the S'aki land." This Dara (which may

¹ W.P.O.B., 251, 284-5; 349-50.

possibly be related to the *Daro* of the modern name Mohenjo Daro) suggests the "Darvi" and Dars'aka countries of the Indian Epics.¹

Darvi was a country of the "Khattiyo" people and Kurus to the north of India.² And the Dars'aka people are



FIG. 25.—Amulet Inscription of (?) Ukhzu of (?) Dara S'aki.

Reads : Ukh-zu matu imin-bara-ga (?) dara-s'a-ki-as'. Transl.: O Thou Sun-Hawk ! the dead one bring to Heaven's house.

At (?) Dara-s'aki.

T.D., 235; B.W., 346. Ukh, B., 8130.
 T.D., 188; B.W., 7=Zu "thou," B., 141.

3. As before.

 Imin, B., 10049. "As Heaven," W.P.O.B., 243, etc.
 See previous Fig. and note.
 B.W., 113, of period of Tig. Pileser, 1100 B.C. On Dar or Dara, B., 2946-7. 7. See Figs. 9, 11, etc. 8. This sign may read *Ki* or *du*.

placed next to the Gandharas,³ *i.e.*, the people of the Peshwar and adjoining district of Afghanistan in the Upper Indus. And it is significant that the Darwa people along with the Khas'as are recorded as having been conquered by the Emperor Sagara,⁴ who we have seen was Sargon I.

¹ W.V.P., 2, 175. ⁹ Ib., 175. ³ Ib., 174-5. 4 Ib., 3, 292. SEAL NO. XVII.

Death-Amulet Seal of USSA the Seer at Edin. ? The Vedic Us'ANA.

This seal (Fig. 3, XVII.) is important as invoking the One God as "The All-Perfect One," S'ar 1-by the word-sign of the Great Circle (the Greek Saros) of the Cup-mark script, which in cuneiform is written in "diamond" or lozenge shape as here. This is a usual title of the Father-

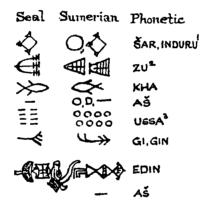


FIG. 26.—Amulet Inscription of Ussa the Seer of Edin.

Reads : S'ar-zu kha-as' ussa gin [tum] edin-as'. Transl. : O Thou All-perfect God I the Seer Ussa bring [to Life] at Edin.

1. T.D., 206 and 476; B.W., 353. S'ar, B., 8208 and W.P.O.B., 242, 244 f. 2. T.D., 186; B.W., 6, and see previous seal. 3. B.W., 437, pl. 171.

god Induru (or "E-a" or Indra),² on amulets and Cupmarked inscriptions, as I have shown in my former work.³ And incidentally its second sign zu, "thou," confirms the reading of this sign in the previous seal, where it is also the second sign.

Us'anā, also named Us'anas' Kavya, was an ancient Vedic

¹ B., 8272. ⁸ W.P.O.B., 241 f., 323 f. 3 Ib., 237 f.

GRAVE-AMULETS OF SABTAR AND GURGU 97

seer mentioned in many hymns, who worshipped Indra;¹ and he is associated in one of these hymns with Aus'ija Kakshīvan (of Seal I.) as an Indra worshipper.³

SEAL NO. XVIII.

Death-Amulet Seal of S'ABTAR of Edin.

This seal (Fig. 3, XVIII.) appears to be the Death-Amulet of the owner of the signet Seal XII., whose name seems to equate with that of the Epic teacher Savitri.

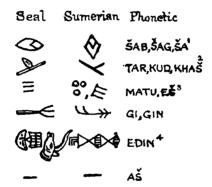


FIG. 27.—Amulet Inscription of S'abtar of Edin. Reads : S'ab-tar matu gin [tum] edin-as'. Transl. : S'abtar, the dead one, bring [to Life] at Edin.

T.D., 255; B.W., 340. S'ab, S'a, Sag, B., 7988.
 T.D., 123; B.W., 12. Tar, Kud, B., 373, etc.; M., 290, 303, 316; Khas', B., 328.
 Matu as before.

4. As before.

SEAL NO. XIX.

Death-Amulet Seal of Gurgu.

This seal (Fig. 3, XIX.), the last of the series, seems the Amulet of Gurgu, probably the Vedic Garga, a priest of Divo-Dāsa or King Tarşi. It also invokes the Resurrecting

¹ R.V., 1, 51, 10; 83, 5; 121, 12; 4, 162, etc. ² Ib., 1, 51, 10-13. G Sun-Fish like the majority of those other death-amulets; and seeks resurrection in Heaven.

Garga, surnamed Bhārad-vāja, or "The strength of the Bharads (Bharats)," was a Vedic seer and reputed author of a hymn to Indra ¹ in praise of the bounty he received from Divo-Dāsa, *i.e.*, King Tarsi, great-grandson of Uruas' ("Ur-Ninā"), which places him about 3020 B.C. He significantly calls Indra in one verse by the title of S'akra³ —that is, the Sakko of the Pali and a favourite title used by

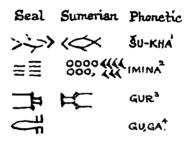


FIG. 28.—Amulet Inscription.

Reads: S'u-khā imin gur-gu. Transl.: O Setting Sun-Fish to Heaven Gur-gu (bring) ! 1. and 2. As before. 3. T.D., 60; B.W., 187. Gur, B., 4654. 4. As before.

Buddha for Indra. This Indra-name, I find, is clearly derived from the Sumerian title of *Sakh* for the Fathergod Induru as "The enthroned Lord"—a word which is disguised by Assyriologists as "Enlil" or "Enki."

There are a few other later Epic priests and princes of the name of Garga less known.^a This Sumerian name Gurgu seems probably the source of the Greco-Median "Gorgias" and the English "George."

¹ R.V., 6, 47. He seems identical with the Epic Garga, a descendant of King Bharat, and bearing the synonym *Brihat*, *i.e.* "Brit-on," cp. W.P., 4, 137. ² Ib., 6, 47, 11.

Personal, Tribal and Clan Names and Titles on Seals III. to XIX.

Disclosing names of famous Vedic and Epic priests, kings, queens and princes, Sargon I. of Agade, Su'sin of Ur, etc.; and tribal or clan names A-Mer (Amorite), Ari and Har[-ri] (Aryan), Gad or Kad (Phænician), Guti (Goth), Kaz (Kassi), Khaiti (Catti or Hitt-ite) and Saki (Sacæ, Scyth and Sax-on).

THE personal names and titles of "As's'ias' the Barugu seer" (the Vedic seer Aus'ija the B'rigu) and "Kan(-wa) the Barama" (or Kanwa the Brahman) of Seals I. and II. have already been discussed in Chap. VI.

The other personal names inscribed on Seals III. to XIX. comprise the following Vedic and Epic priests, kings, queens and heroes, the Sanskrit form of whose name is placed within brackets: another Kan-we (Kanwa), the A-Mer Slave-girl Us'iz of Uriki (the Us'ij Slave-girl Wricayā, wife of Aus'ija), S'us'ena, prince of Gus'a (Sushena the Kus'ika, or King S'usin or S'uas'enzu of Ur Dynasty), Tax, the minister of Sirgana or Sagunu of Agdu (Daxa or Daksha re S'akuni as Sargon I.), Sagara of Agdu (King Sagara of Ayodhya), Damu the Guti son of Dax (Dama "son" of Daxa the S'āka), As's'ias' the Kaz of Gus'i (Aus'iji the Kās'i), Kan(-wa) S'ar . . (Kanwa S'rayasa ?), Gal-'ha Bargu (Gālawa B'rigu), S'abtar (Savitri ?); and on the Grave-Amulets Ukgu the Gad, Midas' (Mīdhwas "son" of Daxa), Uzuas' the Diviner Slave-girl of Sun-temple (Us'ij, slave-girl wife of Aus'ija), Ussa the seer of Edin and Gurgu (Garga the B'arat). Amongst these personal names the Aryan "Midas'" is noteworthy at this early period.

The tribal clan or racial titles found on the seals comprise the following :

Ari and Har on Seals IV. and VIII., etc., as "Arya-n," see notes on these seals and in my former work.¹

Gad or Kad on Seals XI. and XIII. is a title of Phœnicians, with Sanskrit equivalent *Cedi*, see my previous work for details.^a The form *Khād* is used by Uruas' or Ur-Ninā, see Chap. V. and Appendix I.

Guti or Goth on Seal VII., see details in my previous work.³

Kaz is obviously a contraction of "Kazzi," a recognized form of spelling Kas's'i, the dynastic clan title of the Kassi or Cassites of Babylonia. In the form $K\bar{a}s'i$ it was a clan title of the early Panch-āla or Sumero-Phœnician kings in the Indian Epics; and Dīrgha-tamas, the forefather of Aus'ija, was of this line,⁴ therefore Aus'ija Kakshīvan and his descendants, the Gotamas, were Kās'i. "Kazzi" is the form of "Kassi" or "Cassi," which is used by the Phœnician-Briton king Partolon on his monument of about 400 B.C. in Scotland.⁵ On this Kas and Cas and Cassi title of ancient Brito-Phœnician kings who also stamped it on their coins, see my former work, where the origin of this "Kazzi" and the "Kassi" title is dirclosed in detail.⁶

Khaiti seems used for Khati, Khatti, Catti or "Hitt-ite," the Khattiyo of Pali and Khattri of Hindi as seen in next chapter. And Alexander the Great found the Kathai-oi tribe, noted for its handsome appearance and their country

 1 W.P.O.B., 257 f., 412 f.
 2 Ib., 18, 74 f., 168, 180, 200, 262.

 8 Ib., 170, 331.
 4 W.V.P., 4, 32.

 • Ib., 32, 211.
 6 Ib., 47 f., 202 f., 211, 274 f.

PERSONAL AND TRIBAL NAMES ON SEALS 101

Kathai-ai, hereabouts between Mohenjo Daro and Harappa, on the Lower Ravi and Sutlej tributaries of the Indus.¹

Saki is used in a tribal as well as territorial sense, and seems the Sumerian source of the S'aka or S'akya tribe of Ancient India, the Sacæ of the Greco-Romans for the Scyths, and of the name "Sax-on."

¹ Arrian; V.N., 88; Strabo, 699.

PLACE-NAMES ON THE INDUS VALLEY SEALS AND THEIR IDENTIFICATION

Disclosing "Edin" as Sumerian city-state on Indus, with capital "Khaitisiga" at Mohenjo Daro as "City of the Hittites"; and "Saki-Land" as "S'āka-Land" of the Maga (or Magi) Sun-worshippers.

WE now discover the location and identity in the Indus Valley of the chief place-names in the seals : "Edin" and "Khaiti-siga" and "Saki."

"Edin," the place-name most frequently recorded in these seals, we have already found recorded in the documents of the Early Sumerians and in the identical monogram as in these seals, as detailed in Chap. V. There we have seen that the Sumero-Phœnician king Uruas' (the Haryas'wa of the Vedas and Indian Epics, the so-called "Ur-Ninā" of Assyriologists) of S'irlapur on the Persian Gulf about 3100 B.C., claimed to have "built," or "caused to be built," two Edins as "Forts of the House of the Sun-god." One of these was "Gu-Edin" in the Mesopotamian delta, a few miles to the north-west of his seaport capital of S'irlapur, and it continued to be regarded as so sacred that his grandson restored it, and Gudia (Gadhi of the Indian Epics and the "Gudea" of Assyriologists) about 2400 B.C. in one of his official documents confirmed its freedom from the payment of taxes,¹ thus showing that it was a shrine, and not the name of the province of S'irlapur or Lagash as usually supposed.

¹ R.B.H., 77 f.; K.H.S., 271.

х

The other Edin or "Edin" proper, the site of which has hitherto been unknown, we then found was a distant tributary state of King Uruas', under the governorship of his eldest son and successor, its "capturer," Lord (A-)Mad-gal, the Mudgala of the Vedas and Epics. We further found that this Edin was described by the Sumerians as "The captured Land of Edin," wherein the word for "Land" is spelt by the word-sign Sakh, which possibly connoted the "S'āka-Land" (or Land of the Sacæ, Getæ, or Goths) of the Indian Epics, and the especial seat of the Maga (or Magi) Sunworshippers in the Indus Valley.

We further found that this outlandish Edin was also called by the Sumerians "The Land (or city) of *Saki* of the temple (or house) of The Slave-girl," and was also defined as "Land (or city) of the Priest-queen of Bel." And we found that two of the seals on decipherment proved to be actually inscribed as those of "The Slave-girl" (Seals IV. and XV.).

We still further found the positive evidence on Seal III., that the owner of that signet appears to call his city in the Indus Valley "The Second (Edin)." All this cumulative evidence established the identity of this land of "Edin" of the Sumero-Phœnician king Uruas' with this "Edin" of the seals in the Indus Valley—the name "Edin" being applied to that city-state presumably from the Edin temple of the Sun at its capital.

In Indian traditional literature the only country or placename resembling "Edin" is " $Udy\bar{a}na$," the ancient name for the state of Swat in a valley of the Upper Indus¹ (see map, p. 7) and famous for its fine Indo-Scythian Buddhist sculptures,^a as the traditional homeland of King Sibi, son of

¹ B.H.T., 1, 119 f. In Indian Epic tradition it seems confused with Ujjain. ⁸ See my Report on Mission for collecting Indo-Scythic Sculptures, Beng. Govt. Press, 1895; and in *Trans. Internat. Orient. Cong.*, Paris, 1897, sec. 1, 245 f., which disclosed the *Gothic* arch there in sculptures of second to third centuries A.D., *i.e.*, about a thousand years before its supposed origin.

Usinara, and his "Sibi" people.¹ The name possibly also appears in "Udayana" and "Udāyin" (or "Of Udyan"), titles of several princes in the Indian Epics, and in the Vedic "Audanya" or "Of Odana," the epithet of a priest or layman named Mundibha.² And there is an Ayodhin on the Sutlei below Ferozepore, *i.e.*, more or less opposite Harappa (see map).³

The name "Edin," which is also spelt "Etin" in Sumerian,* is however fortunately preserved and definitely located in the Lower Indus Valley as "OTIN" by the Buddhist pilgrim Hiven Tsiang. This remarkably accurate geographer in his pilgrimages to the chief Buddhist shrines throughout India at the beginning of the seventh century A.D., is our chief authority for the geographical topography of Ancient India. He records the distances along the roads in Chinese *li*, of which at that period about seven go to the English mile. The province of Sind (his "Sintu") at that period was restricted to a tract in the middle Indus Valley, between Multan and the modern Sukker (see map, p. 7); but he places Otin (i.e., Edin) " under the protection of Sind."

Starting with our extracts from his narrative from Multan as a fixed point (see map, p. 7), he says :

"From this (Multan) going north-east 700 li (i.e., about 100 miles) we come to the country of Po-fa-to (Parvata?). Here are four stupas built by King Asoka." 5 Here . . . it is to be noted the Asoka stupas here referred to are almost certainly those at Harappa, the excavation of which has yielded several of these seals; as Harappa is approximately in the direction and distance from Multan thus indicated, and there are no other Asoka stupas known in this area.

He then continues, after describing that country :

"Leaving the Sintu country (? Parvata or Harappa?) and going south-west 1500 or 1600 li (about 215 or 230 miles) we come to the kingdom of O-TIN-po-chi-lo.⁶ The

⁴ B., 4521.
⁶ Also spelt by him "O-tien."

B.H.T., 1, 125, and cp. W.V.P., 4, 121 f.
 M.K.I., 1, 126.
 V.N., 88.
 B.H.T., 2, 275.
 M.K.I., 4 B., 4521.
 Also spelt by hi

country is about 5000 li in circuit. The chief town is called *Khie-tsi-shi-fa-lo*, and is about 30 li round. It ¹ lies on the River Sin-tu and borders the ocean. . . . It is under the protection of Sin-tu. . . . King Asoka built stupas on the spots consecrated by the sacred traces, six in number. Going west from this, less than 2000 li, we come to the country of *Long-kie-lo*. . . it borders on the ocean. It is on the route to the kingdom of the Western women (the Amazoniar matriarchists of Van of Semiramis). . . . From this going north-west we come to the kingdom of *Po-la-see* (PERSIA)."^a

Now this capital on the River Indus of the kingdom of OTIN-pochilo, under the protection of Sind, and bordering the ocean, is seen by its relative position and distance from Multan, on the one hand, and Persia and the Indian Ocean on the other, to correspond clearly to the location of the Buddhist ruins at Mohenjo Daro, where most of the "Edin" seals were unearthed, and implies that this "Otin" is identical with the Sumerian "Edin" or "Etin." And from the occurrence of seals with the name "Edin" at Harappa (e.g., Seal I.), and the occurrence of the name "Udyāna" for the Upper Indus district of Swat, it would appear probable that the whole of the Indus Valley from Edin city upwards was known in ancient times as "The Land of Edin."

The second part of this country name "Pochilo," as spelt by the Chinese, is apparently the equivalent of the modern "Bukkur" or "Behker"—r being absent in Chinese and replaced by l. "Bukkur," the "Behker" or "Bhaker" of the older maps of Rennell and Vincent, is the name of the ancient town and district on the east bank of the Indus opposite Sukkur, and about forty miles to the north-east of Mohenjo Daro (see map). Behker was a very ancient prehistoric settlement, for neolithic implements and cores were

¹ The kingdom of Otin. ² B.H.T., 2, 276–7.

found here,¹ as at Mohenjo Daro. At the pilgrims' visit this district was thus joined to Otin (Edin) forming the "Otin-Pochiro" state.

The name of the capital town of "Otin" country as preserved by Hiuen Tsiang, namely, *Khie-tsi-shi-fa-lo*, well equates with *Khaitt-sig* of Seal III., with the addition of *pura* or "city." This name suggests that it may possibly mean "The Lower city of the Khatti"; and Seal IX. appears to give the reading "Fort Sig," *i.e.*, "Lower Fort."

This meaning of "Lower city of the Khatti" or "Hittites " for this old Sumerian city-capital and port of the Indus Valley-wherein Khatti is the "Khattivo" of the Pali, "Khattri" of Hindi, and the "Catti" title of the Ancient Britons on their coins, etc.⁹-receives support from the facts : Firstly, that the handsome Kathai tribe were located in its neighbourhood at Alexander's visit; secondly, that it was hereabouts, at Sukker, I was led by guite independent evidence to fix the crossing of the Indus by the "Great Indo-Aryan Invasion " of Khattiyo Syria-Phœnicians (Kuru-Panch-āla) in their exodus from Syria-Phœnicia via Persia to Hindustan or the Ganges Valley about 700 B.C., when I completed my Origin of the Indo-Aryans and their Civilization over ten years ago; and thirdly, that the Indus Valley retained the name "Hiti," i.e., "Hitt-ite" on its coins down to about the seventh century A.D.

The name "*Hiti*" is recognized by Assyriologists as a common late dialectic form of *Khati* or *Khatti*, in which the initial hard K has dropped out; and this "*Hit*" is the form adopted by the Jews in their Old Testament for these Aryan or Amorite people, which our English translators have romanized into "*Hitt*-ite." The Khatti or Hitt-ite people themselves sometimes spelt the name "Kha-it-ti," which equates with the seal. Now a fine

¹ B. Foote, Ind. Prehist. Antiquities, Madras, 1916, 158.

^a W.P.O.B., 6, etc., etc.

gold coin bearing undeciphered Hittite hieroglyphs is figured by Sir A. Cunningham of the Indian Archæological Survey,¹ as being probably found in Sind or Multan; and is conjecturally dated to about the seventh century A.D. or earlier.² It contains the portrait of a king of fine Arvan Gothic type, with the legend : HITI-vi ca Airān ca parames' wara, i.e., "Paramount Lord of Hiti-land and of Airan (or Eastern Persia)." This "Land of the Hiti" has been conjectured to be "the Panjab," ^a presumably because Mooltan is now detached from Sind and been allocated to that Upper Indus province.

Another reference to Hiti, presumably as title of the ancient Indus Valley state, is found in the list of Parāda kings of Western India-wherein Parāda appears to be the Parthian form of Barata, B'arata, or Brihad or "Brit-on." One of these kings is styled S'ri HITI-vira Airana ka Pāradeswara. S'ri Vāhiti-Gana Deva-Ganita, * i.e., " The worshipful Hiti hero of Airana, Lord of the Pārada (Parthians or Barats), the worshipful Vāhiti-Gana Deva-Ganita." This appears to establish the use of *Hiti*, a dialectic form of Khaiti or "Hittite" for ancient Sind: and the survival of the old personal Sumerian name of the seals, Gana (or Kana), is noteworthy.

"S'āka-Land, or Land of the Sacæ, Scyths, Getæ or Goths," " was also an ancient name for the Indus Valley in the Indian Epics, and obviously the "Saki-Land of Edin" of the Sumerians as above noted. We have seen that the Vedic hymn of Aus'ija of Seal I. records that his patron king "on the banks of the Indus" was "the son of Bhavya." And the Indian Epics tell us that Bhavya, son of Priya-Vrata, "was appointed to reign over S'āka-land"; * and

⁵ W.V.P., 2, 101.

A.S.I., v. 123. Also fig. in Numismat. Chr., 1894, pl. xii (x) 9, p. 291.
 Rapson, Coins of India, 1898, 31.
 C. Lassen, Indische Altertums-hunde, 1847, I, 9.

⁴ On the interchange of these ethnic names, see W.P.O.B., 331 f.

that "the sons of Bhavya king of S'āka-land" were the rulers over that land with its seven rivers.¹

This "S'āka" title for the Indus Valley is probably "The S'AKH Land" mentioned by the son of Lord Mudgala, King Bi(d)as'nadi ("Eannatum") in his edict on the "State of the Vultures" as conquered by him. And he mentions it after Elam.³ The name "Saca-stene" or "Land of the Sacas" was restricted by the Greco-Romans to the south-western part of their province of Ariana in Persia, and called "Saka-stan" by the Persians, the modern Seistan (see map, p. 32).

This S'āka-land of the Indus Valley, now identified with the *Saki*-land of Edin of the seals, was the land of the *Maga* (or Magi) Sun-worshippers,³ who now would seem to be the descendants of the Sun-worshipping Sumerians of the seals, or of a later wave of the same people.

The most famous Sun-temple hitherto known in the whole of India, and presumably a branch of the Edin one, was still flourishing in this region in the seventh century A.D. at Mooltan, between Mohenjo Daro and Harappa; and it was also an oracle with vestal virgins like the Sumerian "Ninā" Sun-temple of Uruas' at Lagash and of Us'iz at Edin. It is therefore of especial interest and importance to read the Chinese pilgrim's description of it at that period, all the more so as it illustrates the humane simple fire and flower offerings of the Sumerian Sun-worshippers of the beneficent Father-god, as opposed to the bloody sacrifices of the aboriginal Moon and Mother cult, so abhorrent to the Sun-worshippers. And like those of the Early Sumerians it had a hospital attached to it.

Hiuen Tsiang, whose descriptions of the sites and monuments of Ancient India I have found so trustworthy in my explorations and excavations at Pataliputra (Patna), Udyana (Swat), Kapilavastu, etc., as others also have found them

¹ W.V.P., 2, 198. ² Cp. R.B., 91 and T.D.I., 37. ³ W.V.P., 2, 381 f.

elsewhere, writes : "There is (at Multan) a temple dedicated to the Sun, very magnificent and profusely decorated. The image of the Sun-god is cast in vellow gold and ornamented with rare gems. Its divine insight is mysteriously manifested. Women play their music, light their torches, offer their flowers and perfumes to honour it. This custom has been continued from the very first. The kings and high families of the five Indies never fail to make their offerings of gems and precious stones. They have founded a house of mercy, in which they provide food and drink and medicines for the poor and sick, affording succour and sustenance. Men from all countries come here to offer up their pravers. There are always some thousands doing so. On the four sides of the temple are tanks with flowering groves where one can wander about without restraint."¹ This old Sun-temple disappears along with the equally benign Indian Buddhism at the destructive Mohammedan invasion by fanatical iconoclasts, and the rise of modern Brahmanism with its incorporation of matriarchist rites of wholesale sanguinary sacrifices to demons.

The place-names " Uri," " Uriki " and " Agdu " of the seals have already been discussed under Seals IV., V., and VI. and their foot-notes. "Uri-ki" or "City (or land) of Uri" literally means " City (or land) of the Akkads or Amorites." ² It may denote the city of Ur, or of "Uruki," i.e., Erech the modern Warka.

"Gus'a or Gus'i Land" of Seals V., VIII. and X. appears to represent the "Kus'a Land" of the Indian Epics. "Kus'a Land" is always referred to in the Epics as a country distinct from S'aka-Land, and was possibly an ancient name for Mesopotamia.³

"Ag-du," if it does occur, would seem a dialectic form

² Cp. B.W., 316.

¹ B.H.T., 2, 274. ³ On Kus'a country, see W.V.P., 2, 101, 109, 129 f.; on dynasty, *Ib.*, 4, 26 f., 138 f. The former glories of King Kusa and of his city Kusā-wati are repeatedly referred to by Buddha the S'akya. C.J.T., I, 23I; 5, I4I f.

of spelling "Agadu" (or "Agade"), the usual form of the name of Sargon's capital. His city-name, however, also reads, I find, A-zu-tu in his autobiography discovered by General Rawlinson : ¹ and thus equates fairly with the Indian "Ajodhya" or "Ayodhya" capital of Sargon I., under his solar title of "Sagara."

"Harappa," on the Rāvi, appears to me to be probably the Vedic Hariyūpīyā on the "Yavyā" River, where a king called "Cāyamāna son of Diva-vrata" (? Cyawana son of Divo-Dāsa)² and of the Pārthu clan (Parthian or Barat), along with "three thousand mailed warriors" defeated the Wricis under Waras'ika, through the aid of Indra.³ It thus becomes a question whether this Wrici tribal title may be related to the "Wricaya" or "Uri-ki" title of "the slave-girl Usij," and thus explain the story of her being a "captive" or "slave" of the Sumerians at Edin, presumably on their capture of Harappa as an up-country port on the route to the gold-fields of Tibet, in the reign of the son of Divo-Dāsa or King Tarsi, the great-grandson of Uruas', about 3020-3000 B.C.

Regarding the name "Mohenjo Daro," we have seen that the second part of that name, "Daro," appears to represent the older form of the Indo-Persian word Darva "the sea." derived as I have shown from the Sumerian Duru "the sea or water" and the source of the Cymric Dwr "water," etc., especially as we find this name Darya along the course of the Indus, even above Sukker, for the depressed areas representing former lakes. As regards the first part of the name, "Mohenjo," in view of the prominence given to the Buffalo

¹ C.T.: C.I.W.A., 3 pl. 4, No. 47. The name usually read "Azupiranu," reads, I find, A-zu-tu rax-a-ni or "The destroyed Azutu" (cp. on raxani, M.D., 957). Sargon uses that phrase in describing this ancestral city at his birth; and I find that he was the son of a Sumerian king who was killed and his capital destroyed by a rival, and that Sargon was a post-humous son, who afterwards recovered his patrimony and rebuilt the capital as "Agadu." This now explains the references in his birth-story which have remained a puzzle to Assyriologists. ⁸ See Appendix IV

² See Appendix IV. 8 Ř.V., 6, 27.

HARAPPA AND MOHENJO-DARO NAMES III

on the seals of Edin, I think it is possible that "Mohenjo" may be a dialectic form of the still current name of "Mains" or "Mang" for a buffalo,¹ which is a nasalized form of the Sanskrit "*Mahisha*"—a name now disclosed to be derived from the Sumerian *Ma-a-su*, "cattle," and especially "wild cattle."¹ Thus, "Mohenjo-Daro" would mean "The Lagoon of the Wild Buffaloes"; and we have seen that the Wild Buffalo was evidently indigenous there.

¹ In Bengal and Bihar where wild buffalo still exist, B.M., 491. The more common name *Bains* is thus seen to be a corruption of "Mains," *M* and *B* being freely interchangeable, thus "Mombay" for "Bombay." ² Br., 1749 and M.D., 155.

XI

DATE OF INDO-SUMERIAN SEALS

PALÆOGRAPHICALLY, we have seen that the archaic form of the Sumerian writing on the seals suggests for some of them the remote date of "about 4000 B.C." to about 3000 B.C., whilst others betray certain conventional modifications of the Sumerian script which only came into vogue in the time of Sargon I. (about 2800 B.C.), and of Gudia (about 2400 B.C.), and of the Ur Dynasty (about 2300 B.C.).

The positive evidence, on the other hand, from the decipherment of the inscriptions on the seals, while generally confirming these inferences of palæography, by disclosing some of the authors as historical Mesopotamian princes of approximately fixed dates, and as Vedic sages and priestesses of relatively fixed position in the Indian Epic King-lists which now can be dated, as I have shown, through the Mesopotamian King-lists, it at the same time lowers the extreme date for the oldest of these seals to about 3100 B.C. For it is known that the Sumerians and their successors continued to use archaic script as seal characters, for sacred or amulet or magical purposes, in later times long after the current contemporary script had acquired a less archaic form. This is evidenced by the seals impressed as attestations upon clay-tablets of relatively later dates, just as some people nowadays use Runic and "Old English" letters and "Gnostic characters" on their signets.

The rudest, and thus presumably the oldest of these seals, No. X., namely, "Kan(-we) S'ar . . .," may yet be dated about 3100 B.C., that is the approximate date for the Emperor Uruas'-the-Khad (or "Phœnician," or "Ur-Ninā"), who we found "built or caused to be built" Edin, "in a captured land," which has proved by the new evidence to be this Indus Valley, captured by his son Mudgala.

Thus the seals of the Vedic priest As's'ias' (Aus'ija, Seal I.) and the seals of the slave-girl Usiz and Uzuas' (IV. and XV.) as well as the Kanwa priests (II., III.) appear to date to about this epoch. King Sagara's seal (VII.) along with the seal of "Tax the minister of Sirgana or Saguna" (No. VI.) can be placed with comparative certainty about 2750 B.C., within the reign of Sargon I. of Agade; and similarly, or soon after, the seal of "Damu son of Dax" (VII.).

The seal of "Prince S'us'ēna" (No. V.) absolutely identifies him with S'usin or S'uas'sin "son" and successor of Buras'-sin (Bur-Sin I.) of the Ur Dynasty about 2350 B.C. And this seal appears to be one of the last of the series.

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XII

HISTORICAL RESULTS AND EFFECTS OF DISCOVERIES

THE historical effects of these decipherments of this large series of Sumerian seals from the Indus Valley are of farreaching importance. In recovering one of the earliest, if not the earliest, lost chapters of the History of Indian Civilization, and also lost chapters in the History of the Early Sumerians and Phœnicians in Mesopotamia, in regard to their race, the rise of three dynasties, and their early seafaring, commercial and colonizing activities, and the manner in which they spread the Aryan Civilization over the Ancient World, they shift the currently accepted racial pivots of the history of the World's "Higher Civilization" by establishing still more firmly my discovery that the Sumerians and Phœnicians were racially Aryans.

The decipherment of this large series of Sumerian seals from the Indus Valley, dating from about 3100 B.C. to 2300 B.C., whilst fully confirming and further establishing my discovery that the "Sumerians" were the Early Aryans, the early heroes of the Vedas, and the authors of Indian Civilization; it also confirms and further establishes my discovery that the leading dynasty of Early Sumerians on the Persian Gulf from about 3100 B.C. onwards were Phænicians, and that the Phænicians properly so-called were Aryans in race and speech, and were the leading pioneers of Aryan Civilization over the world; and that in particular the introducers of Aryan Civilization into Ancient India were mainly the Aryan Phænicians.

The names and personalities of the chief leaders of the

Early Aryan merchants, who from their seaport on the Persian Gulf first exploited the economic and commercial resources of the Indus Valley from 3100 B.C. onwards, are now recovered from their actual personal signets and seals, as well as the names of the well-known Vedic Sun-worshipping priests and priestesses who accompanied them and settled and died there.

We discover that the enterprising seafaring Aryan Sumerian emperor who founded the Indus colony was the founder of the First Phœnician Dynasty about 3100 B.C.; and that he was the son of the famous Hercules of the Phœnicians, who is now conclusively identified with the Sumerian hero "Gilgamesh" (or "The Fire-priest") of Erech and disclosed for the first time as a historical Aryan king of fixed date about 3150 B.C., as detailed in Appendix V.

The first expedition of these Phœnician mariner traders who formed the first settlement on the Indus, is disclosed to have been under the leadership of the merchant-prince Lord Madgal (Mudgala of the Vedas and Indian Epics). the eldest son and successor of the Sumerian emperor of Mesopotamia, Uruas'-the-Khad (or Phœnician), the King Harv-as'wa of the Vedas and Epics, with his capital on the Persian Gulf. And this fact incidentally confirms the truth of the tradition reported by Herodotus that the Phœnicians were settled on the Persian Gulf before 2800 B.C., when they first established Tyre on the Mediterranean. And we now recover a wonderful lost chapter on the manner in which the Early Phœnicians pursued their trade along the Persian Gulf to the Arabian Sea and Indus Valley and penetrated and colonized the latter for about eight centuries from 3100 B.C. onwards in their exploitation of its mineral and other wealth.

This first settlement and colonization of the Indus Valley by these Aryan Phœnicians is proved by the record of Uruas' in regard to his having "built" Edin; and by the seal

of Lord Mudgala as "the capturer" and "minister" there, holding the Edin state as a "captured" colony of the Sumerian empire of Mesopotamia. It seems to be the "S'akh-land" held by King Mudgala's son. It was also, we found, a colony of that empire in the time of Sargon I. (2800 B.C.). The "Magan" tributary land of Gudia (2450 B.C.) was possibly, we have seen, within it, and some of the seals are of Gudia's period. It was still a colony of that empire in the time of S'us'in, the second last king of the Ur Dynasty (about 2350-2300 B.C.). And it appears to have remained throughout a mere colony of that empire : as no local title of "king" is found on any of the sealsthe Vedic reference to Bhavya and his son the patron of Aus'ija Kakshīvan as "unconquered king of Sindhu" may have been merely a bardic compliment, though it is of course possible that local kings may have set themselves up in the intervals of imperial weakness, as they did in that other dependency of Mesopotamia, Sus'a. Nor is there any evidence that the Indus Valley was a colony of an ancient independent Sus'a (or Elam). At the same time we gain an insight into the reality of the claim proudly inscribed by these ancient Sumerian emperors on their monuments in Mesopotamia, to be "King of the Four Quarters of the World," "Lord of the Lower Sea (Persian Gulf and Arabian Sea or Indian Ocean) and of the Upper Sea of the Setting Sun (Mediterranean)."

The sudden cessation of the seals with the end of the Ur Dynasty, about 2300 B.C., suggests that the Isin Dynasty—a dynasty now called "Amorite" ¹—which overthrew the Ur line, lost the sovereignty over the Indus Valley. And this in association with the massacre by Bur-as' Sin I. (Paras'u) of "the sons of Hary-as'wa," *i.e.*, of the Phœnician princes of the line of Uruas'-the-Khad, appears to have meant the loss of the Indus Valley by these Early Phœnicians. It is

¹ C.E.A., 90–1.

possible however, and even probable, that further excavation of the Indus Valley sites may unearth other and later series of Sumerian or cuneiform seals or tablets, of later rulers there.

The strategical position of Mohenjo Daro on an island in the Lower Indus near what had been its old delta, and of Harappa on one of the main confluences of the Upper Indus, implies that these Early Sumero-Phœnician merchant-princes held the water-way up the Indus Valley and the lines of communications with the gold-fields of Tibet. On the other hand, it is noteworthy that so far there is no evidence yet forthcoming that this early wave of Sumero-Phœnicians penetrated to and settled in the Ganges Valley, the Brahmanist traditional centre of Indo-Aryan Civilization and the seat of the so-called "Aryan Invasion of India" of modern Indianists—an invasion which I have been led by a series of facts, before mentioned, to ascribe to a much later branch of Syrio-Phœnicians introducing a later form of the same Sumerian civilization and religion, and at a no earlier date than about 700 B.C.

The civilization disclosed by the seals and their language and religion and the cultural objects and buildings associated with them *is purely Sumerian as found in Mesopotamia*, and is not of independent local origin in the Indus Valley. And in keeping with this exotic source, we find the civilization suddenly appears there as a fully-fledged Higher Civilization of the Sumerian type of that period.

The cultural and religious objects found associated with these seals are of the Sumerian and Hitto-Phœnician type. The necklaces are generally of the Sumerian and Hitto-Phœnician pattern; and necklaces we have seen are mentioned as treasures in the Vedic hymn by the author of Seal I., resident on the Indus. The crude terra-cotta figurines of birds generally resemble those of the early Hittites,¹ and similarly the animal-head figurines,² which were favourite

¹ C.M.C., pl. 18, 1617. ² Ib., pl. 16, 5; 17, 3, 9, etc.; 18, 7, 8, etc.

nursery toys and buried with children. The crude horned headdress of the female figurine is obviously a crude representation of the horned headdress of the Hitto-Sumerian ladies seen on their seals.¹ Similarly, the painted ware is like the Hittite.⁸ Glazed tiles were a speciality of the Phœnicians and Early Sumerians, and marble flags and house-drains are found in early Phœnician buildings at Crete, etc., and at Hittite Carchemish, where also are masonry and brick graves within the side walls of houses^a as at Mohenjo Daro. The votive stone-maces are of the Hitto-Sumerian pattern, and as seen on the Edin seal of Lord Mudgala (Fig. 5, p. 35); and amongst those found in the excavations there may possibly be the actual originals of the sacred pair used by Mudgala in his famous exploit at Edin, and figured on that seal.

The art displayed on these seals is of a very advanced type, implying long familiarity and proficiency in the naturalistic drawing of animals, and of engraving on a minute scale on jewels and hard stones, with an artistic ability and standard far beyond anything found in Anglo-Saxon England.

The religion expressed on these seals also reflects the purer monotheism of the Early Sumerians over a millennium of years before the birth of Abraham, as opposed to the polytheism hitherto arbitrarily ascribed to them by Assyriologists, from Prof. Sayce downwards, with the supposititious female god "Ninā." ⁴ We now see the original documentary evidences for the belief of these Early Aryan Sumero-Phœnicians in the One Father-God of Heaven and his Sunangel and in the Resurrection from the Dead, in the pathetic prayers for that Resurrection which are engraved on their Death-Amulets. There is also disclosed the Sumerian origin of the "Sun-worship," which still survives widely in modern

¹ See W.P.O.B., Fig. 35, etc. ⁸ B.M.C. ii., 39 f., 129.

² C.M.C., pl. 3, 10-14. ⁴ See Appendix II.

India, as seen at sunrise along the banks of the great rivers (see Fig. 29), and in the first prayer, the Gāyatri, which is chanted to "the God behind the Sun" as an orison by every Brahman,¹ despite the later degraded gross poly-

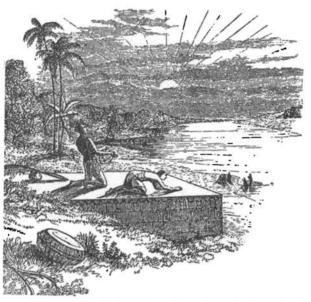


FIG. 29.—" Sun-worship " of the Sumerians at sunrise in modern India.

theism and demonolatry with bloody sacrifices of modern Brahmanism, which have been incorporated from the matriarchist aborigines. And we find colonies of Aryan Sumerian "Fire-worshipping" Magi established on the Indus over two millenniums of years before the traditional date for Zoroaster and his Sun-god Ahura-Mazda or Hormzd—a name which I have shown is also derived from the Sumerian. And we now discover the Sumerian origin and source of the Indian Brahmanist tradition that the Sun-god Vishnu had anciently the incarnation and form of a Fish; ^a and is identical with "Dagon" of the Amorite Phœnicians.

¹ W.P.O.B., 264. ⁸ See Appendix II.

120 INDO-SUMERIAN SEALS DECIPHERED

This Fish divinity or angel, moreover, the so-called "goddess Ninā" of Assyriologists (!), is defined not as God himself, but as "Son of God," and as bearing the names of *Pies*' (or *Piesh*) and *Napitub*, which we have seen discloses the Sumerian origin of both names, representation and functions of the Greek and Roman "*Pos*-eidon" and *Neptune*, as well as the Sanskrit *Napat* for "the son of the waters," also the name "Vishnu" (see Appendix II.); and thus adding several more Aryan god-names of Sumerian origin to those already recorded in my former work.¹ These discoveries thus open up entirely new vistas in the religion of the Sumerians, disclosing the latter as the source of the names, as well as the forms and functions, of the gods of the Aryans.

It is also of great historical as well as religious significance to discover that the Death-Amulets of these Aryan Sumero-Phænicians or Amorites in the Indus Valley have their prayers generally couched in the identical form of the Death-Amulets of the Early Sumerians^a (hitherto overlooked by Assyriologists) and of the "Cup-marked Script" of the Early Sumerian amulets,^a and of the "Cup-marked" inscriptions in Ancient Britain. And they strikingly confirm my readings of these Cup-marked inscriptions on Sumerian amulets and on the prehistoric monuments of Ancient Britain, which I have proved were erected by the blood-ancestors of the Britons, properly so-called, the Sumero-Phænicians.

The excavation of the nests of these actual Death-Amulets and signet seals of famous Vedic sages, priestesses and princes from the masonry ruins which included visible graves, implies that these were the actual tombs and formerly sacred shrines of most of the famous personages whose names are inscribed on the seals, and that "Cæsar's dust" has been exhumed. It would thus be only fitting that on completion of the excavations a suitable memorial be erected to mark the sacred spot where rested the earthly remains of such

¹ W.P.O.B., 242, etc. ² *Ib.*, 255 f., 411 f. ³ *Ib.*, 238 f.

famous Vedic Aryan pioneers of Indian civilization and religion.

The remarkable historicity of the Indian Epic and Vedic records of the Ancient Aryan kings and sages, as authentic and independent sources of new Sumerian history—a fact which I have disclosed and proved in my former work—is also further established by these seals. Not only do the Vedas and the Indian Epic King-lists, as far as they go, supply an *unique* key to the original form of the names of the Sumerian and later Mesopotamian and Hittite kings, but they fill up and illumine, as we have found, many blank and dark places in Sumerian history; and they supply a key to the symbolism on Sumerian seals and monuments which has hitherto been inexplicable to Assyriologists, as I have freely shown in my former work, and in the present one in regard to Lord Mudgala's seal of Edin, and Sushena's and other seals.

The fictitiousness of the majority of the names of Sumerian and other Early Mesopotamian kings as "restored" by Assyriologists, obsessed with false racial and religious theories, and without any key to the proper form of the personal names written in the polyphonous Sumerian and cuneiform script, is also amply evident. The result of this wholesale conjectural coining of fictitious names has been to grossly mislead students of Comparative History, Philologists, Anthropologists and Archæologists. I speak somewhat feelingly on this subject, as no one has suffered more seriously, and had so many laborious years of research needlessly wasted, than I have had by too confidingly accepting those false names thus dogmatically put forward by accredited "Established Authority."

And the fact is abundantly established by these seals that their authors were of the same Aryan Sumero-Phœnician race which, as I have conclusively proved, civilized, colonized and Aryanized Ancient Albion, and who were blood-

122 INDO-SUMERIAN SEALS DECIPHERED

ancestors of the Britons. And we have found that the first king of the Aryan Phœnicians, already about 3100 B.C., called himself "Ruler of the Waves."

Finally, it would be futile to pretend ignorance that in these matters, led by the new facts, I am at opposite poles from "leading authorities"; and yet the situation is not altogether without its compensations. One who comes to history without prejudice is more likely than the other sort to be guided in right directions by its facts as to points with respect to which certainty is difficult of attainment, and as to which, when all is said and done, much must in the present state of our knowledge remain obscure. Having no other aim than to advance truth and the general wellbeing, he is under no temptation to colour facts in the interest either of any particular theory, or of that current sentiment and opinion which it is so necessary that the popular writer should conciliate.

There is after all a real if not very often attained pleasure in helping on the progress of the world without hope of added reward, in promoting by researches into what has been happening in the past the long-drawn effort of our race towards a higher level of health and happiness than that to which the best energies of the "great of old" have been able to raise it. In so doing, we shall show ourselves worthy descendants of those Aryan ancestors to whose genius we are mainly indebted for what "Higher Civilization" we at present enjoy; and shall haply in looking back on our brief passage over the planet escape the misery, to which so many must in these days be exposed, of regretting the trivial and ephemeral character of the occupations in which we have For in all true Progress, in these too selfengaged. complacent times, in industrial and social life, free institutions and ethics, science and art,

> "The Message for the Future Is the Message of the Past."

APPENDICES

I

' URUAS'-THE-KHAD'' (OR PHŒNICIAN) AS PROPER NAME AND TITLE OF THE EARLY SUMERIAN KING "UR-NINA" so-called, the Founder of First Panch(-ALA) OR PHENICIAN DYNASTY ABOUT 3100 B.C.

THE proofs for the reading of Uruas' for the first part of the name of the great Early Sumerian King of Lagash, in Mesopotamia and of Edin of the Indus Valley, hitherto arbitrarily called "Ur-Ninā" by Assyriologists, and his identity with the Early Aryan king of the Indian Epics Haryas'wa, the founder of the First Panch(-ala) or Phœnician Dynasty, have been cited in the text. Not only does "Uruas" "literally equate with "Haryas'wa" of the Aryan Epic King-lists, but he occupies the same relative position in those lists, and his descendants bear substantially the same names as those of Uruas' in the Mesopotamian King-lists. Moreover, this identity is absolutely clinched by the secondary title of King Uruas' as Barama-'hās being paralleled by the Vedic and Epic title of B'armyas'wa for Harvas'wa; and even the Uru of the first part of his Sumerian name has radically the same literal meaning in Sumerian as Hary has in the Sanskrit.¹

The second part of the name or title of King Uruas', namely, that read as "Ninā" by Assyriologists, is now found evidently to read "Khād" or

" $K\bar{u}ad$," and thus further confirms his identity as a Phœnician. On revising the spelling of the so-called "Ninā" portion of the name in the original inscriptions of Uruas' and his descendants, I observed that the bilingual Akkadian glossaries gave no Sumerian phonetic values for this compound word-sign, which Assyriologists have, notwithstanding, rendered "Ninā" from one of its Assyrian Semitic synonyms, as the name for Nineveh. I then observed that while the glossaries give no Sumerian phonetic value for this sign they nevertheless call the sign itself "S'a-es'-s'i(-ku) Ku-u-a-di kiki."² This syllabic spelling reads : "S'aes's'i $K\bar{u}adi$ kiki," and means literally, "The dwelling³ of the $K\bar{u}adi$ of the Sun,"⁴ and thus presumably by the affix Kiki, or "cities," associates the people of the Kūadi cities with the Sun cult.

The word "Kūadi" in this compound word-sign-a sign which first

¹ Uru in Sumerian="dog" in sense of "hero" (B., 11260; M., 8634), disclosing Sumerian source of the English "hero" and in the Sumerian a lion is "the great Uru (or dog)." Now Hary in Sanskrit also means " lion " (M.W.D., 1292).

² B., 4803.
³ Kiki, or "city" duplicated, is given the synonym of Uru, or "dwell-

ing," B., 9808. ⁴ S'aes's'i is obviously the syllabic spelling of S'es'i, the dual Sun, ⁴ S'aes's'i is obviously the suffix ku is placed after loan words when written S'amas' (B., 10237-8); the suffix ku is placed after loan words when written by Semite Babylonians and does not form a phonetic of the word. Cp. L.S.G., 25.

appears in the documents of King Uruas' and presumably coined by him -now suggested that it designated the "Kadi or Gadi" title which I had found was a favourite title of the Phœnicians.¹

The further examination of this compound sign in question now con-firmed this Phœnician application. This name " $K\bar{u}adi$ " as the essential part of this word-sign name, now suggested that that compound sign (the so-called "Ninā "), which consists of a Fish (*Kūa* or *Kha*) within the pictograph sign for a House (with the meaning of "house, ocean and father "), was presumably a compound of the two well-known Sumerian word-signs $K\bar{u}a$ or Kha (Fish) + $a\bar{d}$ (Father-protector of the House), and thus, giving The phonetic form of $K\bar{a}\bar{a}d$ or $K\bar{a}\bar{a}d$. And this meaning of "Father of the House of the Fish" or "Father of the Ocean" was a fitting title for the founder of the First Dynasty of the Phœnician mariners, who as I have shown in my former work were the blood ancestors of the Early Britons, whose descendants have been styled. "The Ruler of the Waves"; but which title is now seen to have been used by an Early Sumero-Phœnician ancestor before 3000 B.C. The "House," or "Father" sign, inside of which is placed the Fish, is

usually written in this compound sign in the simple form of the ordinary "House" sign Ab, with the meaning also of "Father" and "Ocean"; and differing from the Ad "Father" or "House-protecting Father" sign by the absence of the two cross strokes for the weapon of the protecting father. This usual absence of these two extra strokes within this sign is perhaps owing to want of space by the lapidary in cutting more lines than those of the Fish with its fins and tail, or partly owing to the fins occupying most of the space usually occupied by these cross lines; or it may be that as both signs meant "father" in association with "House" the two signs Ab and Ad were considered interchangeable. But in the famous genea-logical limestone plaque of Uruas'² at least, the cross strokes of the Adsign seem evident in this sign in question ; and so also in some of his son's (Bidasnadi) documents there are more internal strokes than those required (Didashah) documents there are internal strokes that these required for the Fish and its fins and tail, and thus represent the Ad sign in the compound K*ūa*-ad or Kha-ad, *i.e.*, "Khād." And this value for this "Ninā" sign is positively established by the Sumerian phonetic value for the name of this sign as "The dwelling of the K*ūadi* of the Sun" above cited.

This Kūadi or Khādi or Khad value for this sign thus discloses the Sumerian original of the Kadi, Kad or Gad title of the Phenicians as "the sons of Haryas'wa" (the Khād), as "The able Panch" are repeatedly called in later times. It discloses also the Sumerian source of the Phenician name "Qad-esh" or "Kad-esh" as "House of the Kads," a favourite title for Phœnician settlements and the source of the name Gades for the old Phœnician seaport outside the Mediterranean, the modern Cadiz. It also discloses the source and meaning of the name "Sea of the Quadi" the name applied by the Ancient Egyptians to the Sea of the Levant and the Eastern Mediterranean,³ as the especial haunt of the Phœnician mariners of Kadesh and Syria-Phœnicia and Asia Minor; and "Frith of the Gads" the Roman "Fretum Gadita" for the Straits of Gibraltar.

The name appears in the Indian Epics as Cedi or Chedi, as a title of descendants of Harvas'wa, the Panch(-āla) or Phœnician.4 And we have found that the Aryan Phœnicians actually employed Kad and Gad as a title on their Sumerian seals in the Indus Valley.

For further evidence of this Khād value for this word hitherto read " Ninā " see App. II.

¹ See previous notes in text. ² Déc., pl. 2 bis, no. 1.

³ Cp. Budge, Egyptian Dict., 142 and 1045, wherein the final d of the Egyptian text is transliterated *t*. • W.P.O.B., 168, 262.

THE SO-CALLED "GODDESS NINA" OF ASSYRIOLOGISTS IS THE SUN-FISH OR RESURRECTING SUN OF THE FATHER-GOD INDURU, INVOKED IN THE SUMERIAN SEALS OF THE INDUS VALLEY; AND VISHNU, THE SEA-GOD POSEIDON OR NEPTUNE (NAPAT), "DAGON" OF THE PHILIS-TINES, AND THE FISH-EMBLEM OF CHRIST.

WHEN the word-sign hitherto read "Ninā" (discussed in Appendix I.) occurs in the inscriptions of King Uruas' and his successors with the prefix "lord, divine, or god" (as'), as a divinity, it is called by Assyriologists "The goddess Ninā"; and King Uruas' (Ur-Ninā) and his successors are credited with having worshipped this goddess and with having erected many temples to her and images of her.

As the worship of goddesses was a cult of the unregenerate aborigines of Chaldea and elsewhere, and so wholly at variance with what I had observed regarding the exalted monotheistic religion of the Early Aryans or "Sumerians" and of the Early Phœnicians in particular (to whom Uruas' and his dynasty belonged), and who I had found were essentially monotheists and worshippers of the Father-god Ia, or Induru, with his twin angels of the two-phased Sun, 1 re-examined the evidence for the alleged Sumerian worship of goddesses, as far as my time permitted. But, so far, I have failed to find unequivocal proof that the Early Sumerians worshipped any goddesses at all.¹ The masculine gender and merely angelic character of this so-called "Ninā" we shall see presently. The so-called "Is'i-tar," worshipped by Sargon I. was, I found, not "Ishtar" but a title of the Father-god as "Baptiser" (S'akhar), and so with others of the alleged early female divinities of the Sumerians. On the other hand the non-Sumerian Semites and Chaldees were notorious worshippers of the Moon and the Mother-Son Pantheon, demanding bloody sacrifices, which were abhorrent to the Sun cult. And some of the later Sumerians, such as Gudia, the Ur and Erech Dynasties, etc., no doubt incorporated into the pure Sun cult of the Sumerians much of the matriarchist cult of the aboriginal "Semitic" Chaldees.

aborginal "Semitic" Chaldees. Prof. Sayce appears to be one of the first who identified this supposed "goddess Ninā" of Uruas' and his Sumerian successors with the goddess Ishtar of the Semites. He says: "Nina and Nana are dialectic forms of the same word"... "the goddess Nāna means 'the divine lady'"³ ... "Nāna does not appear to have been replaced by the name Istar until after the beginning of the Semitic period."³ Prof. Langdon fully accepts this Ninā of the Sumerians as a goddess, and as the Sumerian form of Ishtar, her name meaning, he says, "Queen of the waters"; ⁴ and he makes her "the sister of Ningirsu, 'Lord of the freshets,' a type of Tammuz worshipped at Lagash": and he devotes many pages to the identification worshipped at Lagash "; and he devotes many pages to the identification of Ninā with Nanā, a Chaldean form of Ishtar.

Now let us see what the Sumerian texts say about this so-called " goddess Ninā.' One of the earliest mentions of the name of the divinity thus read

¹ Goddesses seem absent in Early Sumerian seals and monuments. Statues of the wives of some of the early and of contemporary kings are referred to; and some of these kings were given the divine prefix, but pre-sumably in sense of "Lord" only. It seems a question whether the Nin-khar-sag of "Enannatum" is not his own mother, afterwards deified by the Chaldees. It is possible he may have patronized goddesses of his subject Chaldees.

² Hibbert Lects., 116-7.

³ Ib., 260.

* Tammuz and Ishtar, 1914, 45.

"Ninā" is in the same document of King Uruas', in which he records his building of "the two Edins." This record on a stone tablet ¹ states, according to Radau's translation made on the supposition that Ninā was a goddess:² "Ur-Ninā, king of Shirpurla, the son of Gunidu, son of Gursar, the house of Ninā has built. The (image of) Ninā he has renewed, two statues [canal]³ he has digged Ninā's statue [canal] for the declaring of her (his?) name ⁴ the Apir he has renewed. Forty servants of his wife for Ninā⁵ that called him to be her prince [Bar seer], two Edins he caused to build."

There is nothing in all this which necessarily implies that "Ninā" was a goddess, rather than a "god." The forty "servants of his wife" chosen by him for service on Ninā—which sentence is translated by M. Thureau-Dangin as "he chose by lot forty . . . spouses of Ninā," were doubtless " the slave-girl " priestesses or vestals of the Sun-temple of which we have "the slave-girl" priestesses or vestals of the Sun-temple of which we have seen Us'ij was the chief at Edin. And indeed the terming of women as "spouses" to a divinity, implies that the latter was masculine. The words translated variously, "servants of his wife (sic !)" or "spouses" are *ur dam*, wherein *dam* or "spouse" is disclosed as Sumerian origin of English "*dam*" and "dame." And it is significant that Uruas' here calls himself "the *Bar* seer "⁶ of this divinity, *i.e.*, *Baru* or Brahman Seer; just as we have seen he called himself "Brahman" and "Seer" in his Edin seal already cited and translated. The notion that "Ninā" was the name of a Sumerian "goddess,"

while assumed from its general similarity to the name of the aboriginal Chaldean Mother-goddess, was supposed to be confirmed by a divine name read "*Nin-a-a*" on Akkad and later inscriptions. Thus Sargon's son Manishtusu dedicates a mace-head to a divinity read as "Nin-a-a," wherein Nin, however, is written not by the Fish-house-Father sign, but by the compound sign of "Woman and weapon "-the latter having no less than

about twenty different polyphonous values ! The occurrence, however, of the "woman" sign in phonetic spelling of compound personal names, does not imply that these persons were necessarily females. On the contrary, it occurs in spelling various titles of Ia sarily remains. On the contrary, it occurs in spering various tries of ita or Induru (Indra), the Sun-god and most of the male gods of the Chaldean pantheon. Indeed, the second part of the name "Nin-a-a" is unequi-vocally male and not female. For A-a, meaning "Of the Waters," is the actual title of the "Fish-man-god" as figured on an ancient Hitto-Sumerian seal (see W.O.P.B., 247, fig. 36), and is nowhere clearly applied to a goddess by Sumerians so far as I have found. It is the A name for Vishnu in Sanskrit.

Moreover, as the Akkads and later Sumerians were in the habit of spelling phonetically the same personal name by different syllabic signs, and the vowels freely interchanged, this "Nin" word-sign was probably used, I think, for Nun, a common Sumerian name for Ia or Induru as "The Fish-man god," and apparently derived from the Chaldean Nunnu "a fish." And as the final consonant in Sumerian syllables frequently drops out, this Nun may become "Nin"; and in the Isin king-list in App. IV. "Ur-Nina" is actually called "Ur Nun." And this "Nun," as I have shown, is obviously the Sumerian original of the Ancient Egyptian name Nu for the "god of the Waters"-who indeed is called Nu in Sumerian⁷

¹ Déc., pl. 2, no. 2. Transl. R., 62 f.; T.D.I., 13. ² R R 61 f. ³ "Canal," T.D.I., 13.

⁵ T.D.I. reads this, "he chose by lot the forty . . . spouses of Ninā."

7 Howardy, op. cit., 69, p. 43.

⁴ T.D.I. reads this sentence, " and to Ninā dedicated (this canal)."

⁶ Bar-bi-pad, wherein the Bar is written by the Bar word-sign of the

Indus seals which formed the first part of the name Bar-ama; but Bar itself="priest"; and pad=see, recognize, speak" (B., 9412) and its prefix bi also="speak, perceive," B., 5124; M., 3473, etc., and thus the word means " Seer."

-and of the Greek Noe, the Hebrew Noh, whence our "Noah" for the legendary boatman of the Flood-waters of the Deep; as well as secondarily of the Eddic Gothic $N\bar{o}a$ or Noi "a ship," Indo-Persian Nau "a ship" and our "Navy." Thus the god-name read Nin-a-a (which also reads Ni-a-a or I-a-a)¹ would read: "The god Nun (Nin, Ni, or Ia) of the Waters," and thus identify him with *Kha-ad*, "The Father-fish," and Su'-kha, the Sun-Fish of our seals.

Indeed, the very same compound sign of "Woman and weapon" with the ideogram Nin is also given the values of Ia (i.e., Indara) and Ni, and the decogram ivin is also given the values of Ia (i.e., indara) and Ni; and with the divine prefix it is defined in the glossaries as "Ia (or Ni), the Net of the Waters" (Ia (or Ni) sa-a)²; and we shall see in Appendix III. that "The Net of the Waters" was a title of the Sun-Fish Khād. And it is further defined there as "The Male of the Flood Waters" (Ni-tax ra).³ This unequivocally disposes of the "goddess" theory of "Ninā" by the reading of its "woman" sign for its spelling and meaning. Now as recards the positive evidence against the Surgerian reading of

Now as regards the positive evidence against the Sumerian reading of "Ninā" for the "Fish-house-Father" sign, which we have found reads "Kuad or Khād," in App. I. Further, direct evidence for the reading Kuad of Khad, in App. 1. Further, direct evidence for the reading "Khād," besides that cited there, is found in the glossaries which define the "Fish-god" as "The god Kha-ad called Su or Zu," ⁴ wherein the word "god" seems rendered by Gud, thus disclosing probably the origin of the Gothic gud (or guth), the source of our English word "God." This Fish-god is moreover defined as "The god Water-cutter, companion of the sceptre-(holding) Induru." ⁶ Thus the Fish-god Kha called Su gives the equivalence of Su- Kha with Kha-ad or Khād, as the name of that god, and the "S'u-kha" of the seals.

Further, the Fish-god is defined as "The Fish-god of Bel (Father-god) the enterer (of the Waters of Rebirth?)," ⁶ and this is explained as "The god Na-pi-tub," ⁷ which thus discloses the Sumerian origin of the Roman sea-god's name of "Neptune," as well as the Vedic Sanskrit Napat or "son of the Waters "—the Greek "Poseidon" coming from the other synonym of Pies' as we have seen.

The definition of this Fish-House sign $Ku\bar{a}d$ in the glossaries as "The cities (kiki) of the House of the Fish of the Sun" presumably relates to the numerous Phœnician cities called "Kad-esh" or "House of the Kad," evidently deriving their name from the sacred Fish of the Sun-temple therein as "The House of the Kūadi of the Sun." This also would explain why in late Syrio-Phœnician the word "Kadesh" means "holy."

The Phenician Sun-temple at the old Phenician port of Abdera in Spain (the Abdara of Ptolemy, which I have shown was "the Kaptara-Land" beyond the Upper Sea or Mediterranean of the lately found edict of Sargon I.),⁸ displays on its representation on Phœnician coins two of the four pillars of its facade in the shape of a Fish.9 And this sacred Sun-Fish of the Phœnicians now explains the Fish on the coins of Gades with its famous Sun-temple associated with Hercules of the Phœnicians.

This Sumerian name for "Fish" (Kha), with its sacred solar associations, although it has dropped out of use in Sanskrit as a term for "Fish," never-

¹ On value Ia, see B., 5325, etc. Yahva title of ² B., 10982. On sa " net " B., 3083. ³ B., ib., Vax-tax, B., 6106; " male " B., 5022. Yahva title of Indra=Hebrew Yahvh.

⁴ U (or Gud) kha-ad me su (or zu) B., 11839. On U or Gud="god,"

M., 4301. ⁶ U kud tab khat nu, B., *ib.* On *kud=*" cutter of water," M., 271; and Nu as Induru, see before; and Howardy, Clavis Cuneorum, No. 69, p. 43. ⁶ As' kha sig su, B., 11837. On Sig=god Bel, B., 3378; and su= "enter," B., 166.

⁷ As' na-pi-tub, B., 11837, wherein *tub* sign has meaning of "son," M., 2605.

⁸ W.P.O.B., 413-14. 9 J. Y. Akerman, Ancient Coins, pl. 2. theless appears to survive in religious terms in Sanskrit, as *Kha* for "The Sun," "Heaven" and "Supreme Spirit"; ¹ and as the unaspirated *Ka*, meaning "The Sun" and "Sun-god Vishnu."² And it also accounts for the Indian Brahmanist tradition that long ago the Sun-god assumed the form of a Fish in the Fish incarnation of Vishnu, in which he subdued the Serpent of the Deep.

The effigy of this Sun-Fish, as a Fish-man, or as a Fish, is figured on the Sumerian, Hitto-Phœnician and Babylonian sacred seals³ as well as on the prehistoric monuments of the Ancient Britons.⁴ In addition to the examples of the latter, instanced in my former work, there is a good sculpture of the worship of this Sun-Fish in the Cross of Kells, in County Meath (M. Keane, *Towers and Temples of Anc. Ireland*, 1867, Fig. 25). And it was presumably this ancient "pagan" Sun-Fish, the *Piesh or Vishnu*, which formed the legendary leviathan of the Deep called "*Peishta Mor*" or "The great *Peishta*," ⁵ which St Patrick slew in Ireland. And this Resurrecting Sun-Fish of the Sumerians and the "Dagon" of

And this Resurrecting Sun-Fish of the Sumerians and the "Dagon" of the Philistines was presumably the Aryan source of the symbol of a Fish for Christ, among the early Christians, a large proportion of whom were Syria-Phœnicians of Galilee of the Gentiles. And the destruction of its effigy by St Patrick was merely in series with the wholesale destruction of beautiful pre-Christian crosses by the early Church throughout the British Isles, merely because they were "pagan," or pre-Christian. And the *Piscina* or "Fish-bowl" built on the south side of the altar in old Christian churches in Britain and elsewhere is evidently a survival of the Sumero-Phœnician Fish shrine of this pagan "Sun-Fish of the Resurrection and the Life" invoked in these seals.

This Sun-Fish was also called "The Net of God" by the Sumerians and Indo-Aryans as noted in Appendix III.

III

The Sun-Fish as "The Net of God" of Sumerians and Indo-Aryans and in (?) Christianity.

THE Sun-Fish of these seals is also called by Sumerians "The Fish Lord of Bel," ⁶ The Net of entry [to the Waters of Rebirth?];⁷ and under this title he is given the same explanatory title of "Na-pi-tub" (or "Neptune") as before.⁸ The word for "net" here is the same word which is used by the great Sumero-Phœnician conqueror Bi(d)as'nadi (the Pasenadi or Prasenajit of the Indian records and the "Eannatum" of Assyriologists), the son of Mudgala and grandson of Uruas'-the-Khad, in his celebrated monument of victory generally called the "Stele of the Vultures," on account of the vultures figured on it or carrying off the limbs of the dead foes. In this, in reciting his treaty with the chief of his vanquished enemies, "the men of Umma or Gishkhu he calls himself 'The great Net of the Setting Sun and Rising Sun'"⁹ and repeats the phrase several times and invokes

⁴ Ib., 308.

⁵ S. Baring-Gould, Lives of the Saints, Mar. 306.

• The Father-god Induru or Indra.

⁷ As' kha sig sa tur. B., 11838. On sa=net, B., 3085; tur=enter, B., 1072.

⁸ B., 11838.

⁹ Sa sus'-gal as' ra (or *utu*). Sa is translated by Radau as "scourge" (R.B., 76), but see note 2.

¹ M.W.D., 334. ⁸ W.P.O.B., 247, 251.

² Ib., 240.

NET OF GOD AND FIRST EREK DYNASTY 120

the vengeance of the Net on those who may break the treaty. And he figures on that monument (see Fig. 32, p. 41), which is a picture gallery in itself, a group of his prisoners caught in this wide-meshed Net. And incidentally it is to be noted that in consummating this treaty with the people of Úmma city-state he sacrificed "two doves " and " young oxen "----this however may have been to pander to the superstitions of the other party to the treaty, as Alexander was in the habit of doing. This title of "The Net" for this Fish of the Resurrecting Sun now appears

to disclose the Sumerian source and explanation of the worship of the Net by Babylonians referred to in the Old Testament, which states : "They (the Chaldeans) sacrifice unto their net, and burn incense unto their drag; though it is evident from the comment of the Hebrew writer thereon that he did not understand this alien symbolism. And it also seems to be referred to by Christ : "The kingdom of heaven is like unto a net."² Amongst Indo-Aryans, we find "Holder of the Net "³ as the name of

one of "The Sons of the Sky or Dawn " (Aditya) in Brahmanism. And in Indian Buddhism, one of "the beautiful names" of Buddha is "The Net,"⁴ and I possess an image of Buddha inscribed with this name for him in Tibetan and Sanskrit of the Chenlung period.

FIRST PHŒNICIAN DYNASTY OF URUAS' ("UR-NINA") DISCOVERED AS "FIRST ERECH DYNASTY" OF ISIN KING-LISTS; AND "GILGAMESH" OR GIS'ZAX (CAXUS) OF ERECH AS FATHER OF URUAS' (HARYAS'WA) AND HISTORICAL ORIGINAL OF HERCULES OF THE PHŒNICIANS ABOUT 3150 B.C.

THE new King-lists of the Isin period about 2050 B.C., recorded on a cuneiform clay "prism " in the Weld-Blundell Collection at Oxford,⁵ purport to give a complete list of the kings and dynasties of Mesopotamia with their regnal years extending back to 241,000 years "before the Flood" (!). Professor Langdon on failing to find in this semi-fabulous list the names either of "Ur Nina" or any of his dynasty, or those of most of the famous Sumerian kings, including the great Gudea (Gadhi), who were the authors of by far the greater part of the innumerable monuments and records which make up Sumerian history, instead of remarking as one would expect on the apparent shortcomings of this list compiled by the credulous later priests of the insignificant Isin dynasty—a petty dynasty of reputedly alien origin, which appears after the devastating raid by Elam which destroyed the Ur Dynasty, and which has left no monuments but only a few inscribed bricks, two nails, and these king-lists-on the contrary he confidently accepts this Isin list as more authoritative than the actual contemporary records of the great kings themselves, and rejecting the latter declares that these kings were impostors in calling themselves "kings" and dynasties, merely because he could not find them in his Isin list.⁶

On scanning this Isin list, however, it appeared to me that not only were " Ur Nina " and his dynasty recorded therein, but that they were given the very first place in the list of human dynasties, where the supernatural ages end and the natural human ages begin. This observation was based on the general similarity in the form of several of the names, their relative order

¹ Hab., i, 16.

² Mat., xiii, 47.

³ Jālan-dhara.

Iāla.

⁵ Weld-Blundell Collect. Cuneiform Texts, 1923, II, 2 f., by S. Langdon. 6 Ib., 7 f.

FIRST PHŒNICIAN DYNASTY OF URUAS' ("UR-NINA") AS "FIRST ERECH DYNASTY" OF ISIN KING-LISTS.

1st Erech Dynasty of Isin lists.	y of Isin lists.	rst Phœnician Dynasty of Uruas'.	sty of Uruas'.	Indian Epic Lists
As revised by me.	As read by Prof. Langdon.	As revised by me.	Read by Assyriologists.	Lunar (Yadu). Solar (S.).
I. URU-AS' nun-gal.	Ur Nun-gal.	Uru-as' Kha-ad.	Ur-Ninā.	Haryas'wa.
2. Ab-bi unu-ma.	Utul-kalam-ma.	A Mad-gal.	Akurgal.	Mudgala.
3. La BI-s'E[-na-di]er.	La-ba-s'e-ir.	Bı(p)-As'-na-di.	Eannatum.	PASENADI OF Badhryas'-
4. In-nun-nad As'-NA (br. of 3 ?)	as'-NA En-nun-nad-an-na.	In As'na-di.	Enannatum.	wa. Yuwan-As'wa (S.).
5. Ta-ar-is-u (s. of 3?).	· · · ge-de.	Ene TAR-SI.	Enetarzi.	Divo Dāsa, Trasa- Dasyu (S.).
6. ME-DE as'-na.	Me-lam-an-na.	(Lugal As'-da kad, in Lugal Anda. Lagash.)	Lugal Anda.	Mitrāyu or Merriyo.
7. Lugal KI-AGA.	Lugal Ki-aga.	Uru Ka-cı-na.	Urukagina.	King CYA-vana.
End of Dynasty.	End of Dynasty.	End of Dynasty:	End of Dynasty.	End of Dynasty.

130

INDO-SUMERIAN SEALS DECIPHERED

FIRST EREK DYNASTY AS ARYAN PHŒNICIANS 131

and number, and the point at which both dynasties end by war. And further examination completely confirmed this identity for all the names.

In the annexed table I give the kings' names of this dynasty in question, which is represented as the "First Dynasty of Urug or Erech," alongside the names of the dynasty of Uruas' from their own monuments, for com-parison. In column I are given the kings' names in the Isin list as revised by me, in column 2 the names as read by Professor Langdon, while in columns 3 and 4 are the names of the First Phœnician Dynasty, in my revision and that of Assyriologists respectively, and in column 5 the names from the Indian Epics and Vedas. It will be seen from columns 2 and 4 that the first-named king on the Isin list, Ur Nun-gal, suggests "Ur Nina" of the Phœnician list—Nin being as we have seen a Semitic dialectic variant of Nun; that the 4th Ennunnadanna suggests "Enannatum" the 4th in the Phœnician list, and the 7th and last Kiaga suggests "Prince Kagina," the 7th and last on the Phœnician list.

On revising the spelling of the names on this Isin list, I found that the Ist reads "Uru-as' Nun-gal" or "Uruas' the great Fish," and thus obviously is a slightly variant synonym of Uruas'-the-Khād (or Fishobviously is a slightly variant synonym of Uruas-the-Khad (or Fish-house-Father), the founder of the First Phœnician dynasty. The 2nd reads "Ab-bi unu-ma" or "The Protector of Oxen (or Herdsman), the priest of the Land,"¹ and thus is clearly a title for Mudgala of the vast herds of kine on the Indus, and he is actually called "Lord of Cattle" in his Vedic hymn, he was also a high-priest and Vedic singer, and the 2nd of the Phœnician dynasty. The 3rd reads "La *Bi-s'e* er" or "The Pro-tector *Bi-s'e*, the hurrier or capturer," which is evidently a shortened title of $\mathbb{P}(dher'and i or the grade consumer and the ard of thet dwnasty. The$ tector Bi-s'e, the hurrier or capturer," which is evidently a shortened title of Bi(d)as'nadi as the great conqueror, and the 3rd of that dynasty. The 4th, "In-nun-nad As'-na" was apparently In As'nadi the brother of the 3rd of the Lagash lists. The 5th, which is defaced, seems to read "Ta-aris-u," ² and so is a Semitic form of Tarsi, the 5th emperor of the Phœnician dynasty, omitting the two local rulers of Lagash (Entemena and In As'nadi II.). The 6th, Me-de-As'-na, is evidently the son and successor of the "divine Tarsi" (Divo-Dāsa), named Mitrayu (Pali Mettiyo) in the Indian lists. The 7th "Lugal Kiaga" or "King Kiaga," is evidently 'Prince ³ Kagina" of the Lagash lists, and "King Cya-vana" of the Vedas and Indian Epics, the son of Mitravu, and with whom the dvnastv Vedas and Indian Epics, the son of Mitrayu, and with whom the dynasty ended, just as it ends in the Isin list; and it is significant that this Cyavana is specially called "king" in the Indian lists,⁴ just as Kiaga is in this Isin list.4

This full and complete agreement between these lists, in the names and titles and relative order clearly establishes the identity of the First Dynasty of Erech of the Isin list with the First Dynasty of the Phœnicians. And it shows that the Sumerians were in the habit, like the Ancient Egyptians, of calling their kings by different names and titles, as I had already observed from the comparison of the different versions, solar and lunar, of the Indian Epic lists.

The coping stone to these proofs is now found in the discovery that the great epic hero and Hercules of the Chaldeans, " Gilgamesh " of the Semites or Gis'zax⁵ of the Sumerians-as my Indian lists show that the name was pronounced by the Sumerians—as in right after of Uruas' ("Ur Nina"), thus gaining for us for the first time the hitherto unknown historical character and date of "Gilgamesh," see his conventional portrait on seal of Sargon I., Fig. 33, p. 47, and in the many other Figs. A, B, C, 30, 33, etc. The name of the father of Uruas' in this Isinlist is read by Professor Langdon

as "Gilgamesh." But on revising the spelling I find it reads "As' Gis'-zax

¹ Abhira=" herdsman " in Sanskrit, and thus presumably derives from this Sumerian Abbi.

 ² Ta.ar, cp. detailed spelling with B., 359; *u* B., 7773.
 ³ Uru="high city prince," Howardy, op. cit., 41, p. 139.
 ⁴ W.V.P., 4, 147.
 ⁵ Or Izzax.

ga-mes'"¹ or "Lord Gis'zax the Buffalo (Fire) priest." There is no "Gil" or "Gibil" in the Sumerian spelling of this name though read so by that scholar; but the Sumerian Gis' is given in the glossaries the Semitic equivalent of "Gilgamesh."² The use of ga for "buffalo" I have already established; and this title of "Buffalo-priest" now explains his usual association with buffaloes, such as his watering these animals (Fig. 33), and his wrestling with wild buffaloes as well as lions, as the Sumerian Hercules, and his wearing the buffalo head, skin, tail and hoof, as so freely figured on seals from the period of Uruas' downwards to the Assyrian period. Now in the Indian Epics the father of Haryas' wais called "Carus" (or Chakshus) with the epithet of "Arka."³ This "Carus" is now seen to be evidently the Indian form of spelling the Sumerian "Gis'zax" when the writing was converted by the Aryans into alphabetic characters; and "Arka" is evidently dialectic for Urug or Erech, the modern Warka, the home of "Gilgamesh," and in series with 'Erakles.⁴ Thus "Gilgamesh" the Sumerian "Hercules," and father of the founder

of the First Phonician Dynasty, is now disclosed to be the historical human original of "Erakles" or "Hercules" of the Phanicians, with fixed date as an Aryan Sumerian King of about 3150 B.C. Indeed his title 'Erak-les is now seen to be presumably coined from the name of his ancient capital city Erech, Uruk or Erek-for the affix les, see later.

Uruas' himself writes his father's name repeatedly on his monuments, as do also his descendants, as "Guni-tum, son of Gur-sar." Here "Guni-tum" means "Dweller in the place of Fire" (or The Fire-wood brazier) that is a solar title of high-priest. And significantly his name Gis'zax has the Sumerian synonym of "Gunni" or "Wood-Fire brazier,"⁵ which is spelt with the identical signs used by Uruas' in spelling his father's name, with the addition of the sign for long u and duplicated $n.^{6}$

Moreover, Gis'zax is given in the Isin list a title,⁷ which Professor Langdon translates as "whose father was a fool." Such a title, indeed, would be strange in a dynastic list, especially in regard to one of their greatest heroes, if it really existed. But the "fool" is merely that scholar's own introduction. The text reads clearly Ab-ba-mi zax la, and means " whose father was really Zax "—Zax or Sax or Sakh being the common title for the Father-god Indra in the Vedas and Indian literature, where it is spelt Sakko in Pali, and Sakra in Sanskrit, whilst its Zax form, as I have shown in my former work, is evidently the Sumerian origin of the name "Zeus" of the Greeks. My reading is made absolutely certain by the continuation of that sentence in the Isin list,⁸ which is read by that scholar as "The lord of Kullab," but which reads unequivocally "Of the seed of the Lord, Father Zax [himself]."9

Still further proof of the identity of this portion of the Isin list with the First Phœnician Dynasty and their ancestors is found in the identity in the name of the father (or predecessor) of Gis'zax (or "Gilgamesh") in both the Isin and Indian lists. In the Isin list his name and title is translated by the professor as "The deified Dumuzi, a fisherman."¹⁰ I read it "As' Damuzi s'u-pur," or "Lord Damuzi of the hand-bowl (Pur)."¹¹ This

¹ Zax=Fire-brazier, B., 4577. ² M., 4005 ; B.W., 258.

W.V.P., 4, 144.
Caxus in the mythic portion of the Indian Epics was the father of Caxus in the mythic portion of the 6th period : and the Caxusha the Manu or patriarch progenitor of the 6th period : and the latter is invoked with "the virtuous one " in a curse in the Atharva Veda,

6, 7, 7.
⁶ B., 9690, and cp. P.S.L., 163.
⁶ Also spelt syllabically as "Ki-iz-zax," thus equating with "Caxus."
⁸ Ib., 1. 19.

⁷ Col. III, l. 18.
⁸ Ib., l. 19.
⁹ Kul "seed," "grandson" B., 1668; M., 943. This discloses Sumer origin of Sanskrit and Hindi, Kul, "family," in the sense of descent.

Langdon, op. cil., l. 14, p. 12.
 Pur " bowl " B., 6971; " totality (abundance)," M., 4952.

apparently correlates the famous magic divining bowl or cauldron of the apparently correlates the famous magic divining bow of is califord of the original Damuzi or Tamuz,¹ with the divining bowl of his later namesake, this "Tamuz," the grandfather of Uruas'. Now in the Indian lists the father of Caxus (*i.e.*, "Gilgamesh") is named *Puru*-jānu,² or "The receptacle of production (or creation)," wherein *Puru* or "receptacle" appears to represent the Sumerian *Pur* "bowl"³ in the Isin title. But another version of the Indian lists actually gives "*Tamas* of the Deep" (Dirgha-*Tamas*, the seer already described in the text), as the grandfather of Haryas'wa (Uruas'),⁴ thus giving him the literal equivalent name of the Sumerian "Damuzi" or Tamuz.

It is thus probable that the identity of the Isin and Indian lists may proceed still further back when examined, and that in the former the names up to "The Flood" may prove to be those (or titles) of traditional Aryan or Sumerian kings, to whom fabulous ages have been assigned. But, be this as it may, the fact remains that our new evidence has proved up to the hilt the identity of the human portion of the First Dynasty of Erech of the Isin lists with the First Dynasty of the Phœnicians founded

by Urus', and its Aryan racial character. The location of King Uruas' (or "Ur Nina") and his dynasty at Uruk or Erech by the Isin lists, and *not* at "Lagash," although against the narrow current theories of Assyriologists, is quite in keeping with the new facts we have elicited regarding the imperial character of the dynasty of Uruas'. Thus the grandson of Uruas' is known from the excavated monuments as "King of Kish," the chief capital of Upper Mesopotamia, and as "Emperor of the totality of the Lands," specifying Opis, Elam, S'akh (Indus Valley), etc., etc.; and his son Tarsi was still "King of Kish" and patesi or high-priest of Lagash and victor over Elam. Uruas' himself is, as yet, merely known through the local excavations at his seaport as "King of Lagash" with influence over Eridu, another port to the west; but we have found that he was also "King of Edin" in the Indus Valley. Now, however, in view of his being the son and successor of King Gis'zax (or "Gilgamesh") of Uruk, the "*Cazus* or *Arka*" of the Indian lists, he was doubtless also king of Uruk, the earliest seaport of Mesopotamia, at the modern Warka about 30 miles west of Lagash, and presumably silted up at his epoch, necessitating a new open port such as Lagash. The vast mounds of ruins at Uruk or "Erech," the vastest in all Mesopotamia, are not yet excavated, and their excavation has not yet even been begun, except some superficial "scratching" on a spot by Mr Loftus. When the ruins of this ancient city of Uruk or Erech, now disclosed to have been the capital of Hercules of the Phœnicians, are explored in all probability there will be found records of Uruas' (Harvas'wa) designating him "King of Uruk."

This new evidence thus conclusively establishes the fact that the greatest of the Early Sumerian Dynasties, that of Uruas' or "Ur Ninā"—pace Professors Langdon and Sayce—was racially Aryan and "Phœnician"; that the father of King Uruas' was the actual historical human original of Hercules-the-Phœnician, the "Gilgamesh" or "Fire-priest" of the Semitic Chaldeans, with relatively fixed date of 3150-3100 B.C., with his capital at Erech; and that this discovery that the Phœnicians were the leading seafaring branch of the Early Sumerians or Aryans, fully confirms the mass of evidence from entirely different sources detailed in my former

¹ This bowl seems referred to as S'u-me (or S'u-bur?) in the Chaldean legend of Tamuz, e.g., Scheil, Tamuz, text obv., 2, 15 f.

³ W.V.P., 4, 144. ³ Sansk. Pur "a receptacle, abundance," M.W.D., 635, thus disclosing the Sumerian origin of Pur and Puru.

W.V.P., 4, 32-3. Haryas'wa here bears the title of "The Bowman of the Boat" (Dhanwantari) and his son Mudgala the title of "Torch-bearer" (Ketumat)—and we see him carrying the fire-bowl in Fig. 31 (p. 26) upper compartment.

INDO-SUMERIAN SEALS DECIPHERED **I**34

work, proving that the Phœnicians were the Aryan blood-ancestors and the authors of the civilization not only of the Indo-Aryans, but of the Britons and other Phœnician nations in Europe.

v

IZZAX (GIS'ZAX, SANSKRIT " CAXUS ") OR " GILGAMESH," HEROIC KING OF EREK ABOUT 3150 B.C. AS HUMAN ORIGINAL OF "HERCULES."

THIS heroic Aryan king of Erek, the father of King Uruas' or Haryas'wa (the founder of the First Phœnician Dynasty) is credited in the early Sumerian Seals and in later Babylonian legend with performing deeds so generally similar to those of Hercules of the Greeks as to suggest to me that he was the historical human Sumerian source of that legendary hero. And further examination now confirms that identity.

In the annexed table I have compared the leading features of the heroes of these two legends, incorporating the developed legend of the Sumerian hero as current in the later Babylonian epic of about 2000 B.C.

Identity of 'Erakles with Izzax, Gis'zax or "Gilgamesh," King of Erek.

'ERAKLES

Is a solar hero and his Phœnician shrines had Perpetual Fire.

Son of Father-god Zeus, to wife of Aryan king.

Spurns temptation by goddess of Pleasure.

Of gigantic stature and strength.

Twelve chief Labours.

Slays devastating Lion by his powerful arms in Nemean grove.

Captures sacred Stag.

Captures mad Bull.

Slays a Dragon.

Cleanses Augean stables of 3000 oxen by turning on two rivers. Journeyed to far West for golden

- apples near Pillars of Hercules and gains them.
- Had as friend the Centaur Phalos who was killed accidentally.

He descended to the world of the Dead and returned alive.

Clad in Lion's skin with head.

Carries sometimes a club.

Was not worshipped as a god. Honoured especially by Phœnicians, and as ancestor.

IZZAX OR GIS'ZAX OF EREK.

- Is a Sun-worshipper and Firepriest.
- "Son of Father-god Zax" (Zeus), to wife of Aryan king.
- Spurns temptations by Mothergoddess Ishtar.

Same.

- Twelve tablets of his epic associating his deeds with the twelve solar months of year.
- Slays Lion, devastating cattle, by his powerful arms in a grove. (Fig. A, p. xvi.)
- Overpowers a stag or Antelope. (On seals.)
- Overpowers wild Bull Buffalo. (Figs. B, p. xx. ; 30, p. 22; and 36, p. 135.) Slays a Dragon (Fig. 35).
- Waters oxen by two streams of
- water (Fig. C, p. xxiv.). Journeyed to far West to "The Mountain of Sunset" for plant
- of Immortality and gains it. Had as friend the man-Bull (Taurus) Enkidu or Eabani who dies prematurely (Fig. 37). He crossed "The Waters of Death"
- and returned alive.
- Has leonine head in seals.
- Carries sometimes a spiked beam (Fig. 38). Was not worshipped as a god. His cult begun by 1st Dynasty of
- Phœnicians, and as ancestor.

'ERAKLES AS IZZAX ARYAN KING OF EREK 135

It thus appears that the later Greek poets and mythmongers took the old Sumerian tradition of this heroic King of Erek and embroidered it into the graceful legend such as we now know it. And they gave him the epithet of "*Erakles*" or "Hercules" presumably from the name of his capital Erek or Urug—just as he is called in the Indian Epics "*Arka*" (of "Erek or *Warka*")—and they seem to have added the epic Greek affix of *lis* or *lies* "a lion," to designate him as "The Lion of Erek."

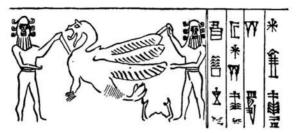


FIG. 35.—Izzax (Hercules) killing the Dragon. From seal-impression of Dukgin ("Dungi"), about 2350 B.C. (After Ward, 51.)

Note the sa or gal word-sign in third column from right has its stem of the crown at one end as in Seal VI., p. 65.

This epic Greek affix Lis "a lion" is now disclosed to be derived from the Sumerian Lig or Lik "a great dog (*i.e.* lion) or hero" (B. 11251 f.), which survives in the Greek Lykos "a wolf," *i.e.* the wild dog and parent of the dog. Our English word "Wolf," moreover, derived immediately from the Gothic *ulf* or *wulf*, is now seen to be cognate with "whelp" and derived from the Sumerian Chaldee synonym for this same word-sign Kalbu (B. 11248), from which the initial K has dropped out, as in "Hatti" for "Khatti," etc.—b and f being freely interchangeable. Whilst "Kelpie" for the wolf-headed sprite of the streams retains the fuller Kalbu form. Thus again we find the radically Aryan character of the Sumerian language.

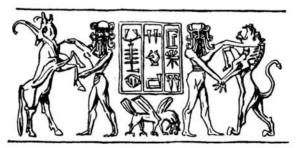


FIG. 36.—Izzax slaying the Lion and overpowering the mad Bull. From a seal of about 2700 B.C. of Uruas'-ban, high-priest of "The city of the Sun-Fish" (Adab).

(After seal in Chicago Field Museum, in Bank's Bismya, 303.)





FIG. 37.—The "Centaur" Eabani or Enkidu, friend of Izzax of Erek, carrying the "Celtic" Sun-Cross standard, as the Centaur Phalos, friend of 'Erakles. From Seal in N.Y. Metrop. Museum. (After Ward, 454.)

FIG. 38.—Izzax of Erek with "Club" as Sumerian source of 'Erakles with his club. From Seal of about 2500 B.C. (After Heuzey and Ward, 286.)

INDEX

ABBREVIATIONS: A.B. = Ancient Britain; I.V. = Indus Valley; k. = king; n.=name; p.=priest; S.=Sumerian; Skt.=Sanskrit.

A, n. of Indian Sun-god Vishnu, 126

- A-A or A, n. of S. Sun-god Fish, 126 Abraham, re Antecedent Aryan
- Monotheism, 118
- Adab (City of Sun-Fish), Seal of a Haryas'wa from, 135
- Aditya, Vedic dawn spirit, re S. Sun-Fish. 120
- Agade or Agadu, cap. of Sargon I., xii, 63, 110; re Ayodhya, 109 f.
- Agdu, place-n. on Seals, re Agadu, 63 f., 68, 109
- Airana, land of Aryans, 107
- Akkad, as Aryan VII., 64, 66 f.; a misleading Semitic term, xii
- Akurgal, see A .- Madgal
- Alexander the Great in I.V., 7 f.
- A-Madgal, k. of 1st Phœnic. dyn., 26, 32; lord of I.V., 34 f.; k. of Erek in Isin lists, 130 f.; portraits of, 26, 35; seal of, 34 f.; see Mudgala
- Amazons in Van, 105
- Amorite as Aryan, 8, 51, 54 f.; title of Phœnicians, 8, 54, see Maruta
- Amorites, pre-historic, in I.V., 8 f., 51 f.; exploit gold, etc., 8 f.; signet of, 43; grave amulet of, 91 f.; see Maruta
- Amulet seals, S., 17, 78 f.; in I.V. graves, 17 f., 19, 77 f.; formulas of, as in A.B., 17, 78 f.
- Amurru, see Amorite and Maruta Animals in I.V. seals, 17 f.; buffalo, 3, 17 f.; goat, 19, 22, 95; hawk, 95; humped-bull, 21
- Ants, gold-digging, 13
- Arch, Early Gothic, in I.V., 103
- Ari, S. n. for Arya or Aryan, xii, 51, 55, 100, see Har
- Ariki, land of Aryans, xii, 51, 109, see Uriki
- Arka, k. father of Harvas'wa, k. of Warka or Erek and date, 132, 134, see Caxus

Art in seals, etc., 118

- Aryan, S. origin of n., 51; epithet of Amorites and Sumero-Phœnicians, 2, 51 f.; "invasion" of India. 2 f., 5
- Aryans, Sumerians, the early, I f., As', "lord," S. source of Gothic n.
- Asa, 36
- Asa-Manjas, k., as Manis'-tusu and date, 66
- Asoka stupas on seal-sites, 13 f., 15, 104 f.
- As's'ias, p. signet of, 29, 31, 42 f., 54 ; seal of wife of, 50 f., 54, see Aus'ija
- As's'ias the Kaz, seal of, 72
- Assyrians as Semites, 3, 64, etc.
- Assyriologists' restoration of S. proper names, fictitious, vili f., 32 f.
- Aswin, n. and form derived from S., 9, 31, 42; in I.V., 9 f.; on A.B. coins, 9, 42
- Augean stable, re, I.V. herds, 19; cleansing of, on S. seals, xx, 47, etc.
- Ausija, Vedic Fire-priest, signet of and date, 29 f., 31, 42 f.; seal of wife of, 50 f., re Dirgha-Tamas, 53, see As's'ias
- Axe, double so-called sign, 40; and see Paras'u Ram
- Ayodhya, as Agadu, 66, 109 f.; in Índia, 7
- Ayodhin, 104
- Azu, seer or physician, 35, 37, 93; S. source of Skt. and Hindi Oja, Osadh, etc.
- Azutu, n. of cap. of Sargon I., 110
- BADHRY-AS'WA, k. and date, 32 f.; portrait of, 41; conquers I.V., 108; k. of Kās'i (Kish), 134; his Net, 41, 129; in Isin list, 130 f., see Bidas'nadi (or Eannatum).

Bali, n. for Indra, see Bel.

- Baptism, an Aryan S. rite, 125
- Barama, S. n. for Brahman, 47 Barama'has'a, S. title of Uruas'
- (Haryas'wa), 35 Barat, title of Phœnicians, and
- early form of Brit-on, xiv, 10, 53,
- 98, 107, see Bharat. Barugu, S. n. for Bhargava or Bhrigu Fire-p., 45
- Beads, Phœnic. glass in I.V. tombs, 15, 43, 117 Behker, in I.V. neolithic site, 7, 11,
- 105
- Bel, title of S. Father-god Induru or Indra, 78 f.; source of Skt. Bali, n. for Indra, and see Bhailla
- Bengali words of S. origin, see Words, Sanskritic.
- Bhailla, Skt. n. for Sun-god, W.V.P., 2, 150, and see Bel and Bil
- Bharad-vaja, seal of and date, 98
- Bharata, k. and date, 53 f. Bharata, Skt. form of Sumero-Phœnic. Barat, 10 f.
- Bhārat-varsha, n. for India, 10
- Bhargava, p. title of S. origin, 29 f.
- Bharmyas'wa, k., 32, 35 f., date of, 32 f., portrait of, 26
- Bhavya, k. of I.V., 42 f. Bhilsa, re Sun-god Bil, W.V.P., 2, 150
- Bhrigu Fire-p., title of S. origin, 29
- Bhujyu, k. and date, 36 f., 131 f.; see Bidas'nadi (not Bharmyas'wa)
- Bidas'nadi (Skt. Badhryas'wa, Pali Pasenadi), k., 32 f.; date of, 32; portrait of, 41; k. of Kish (Kās'i), 134; emperor, 129, 134; con-quers I.V., 108; his Net, 41, 129; see Badhryas'wa
- Biesh, n. of Sun Fish-god of seals, re Vishnu, 86 f.
- Bil, S. n. of Sun-god and see Bel and Bhailla
- Bowl of Tammuz, re Tamas, 133
- Brahma, S. origin of n., 36 f.
- Brahman, S. origin and meaning of n., 36, 40, 47
- Brahmans, early, of Khattri caste, 35 f., 47; e.g., Haryas'w Uruas', 35 f., 126 Brick buildings, S., in I.V., 15 Haryas'wa or
- Brihat as Bharat and Brit-on, 98, 107
- Britain, ancient, cup-mark inscrip-tion in as in I.V. grave amulets, 17, 78 f., 82; Sun-fish worship in, 127

- Britons, ancient as Phœnicians, xiv, 1, 9, etc.
- Buddha's, Sakya clan in I.V. Seals, see Saki; title of "Net" re I.V. seals, 129 f.
- Buffaloes, on I.V. seals, 5, 18 f.; indigenous to I.V., 21; taming of by k. Izzax (or Caxus), 22, 47; priest of, 131; name of, 111, watering of, 47 Buildings, S. in I.V., 14 f.
- Bull of Heaven, title of S. Fathergod Induru, 22; of Indra, 22
- Bulls on I.V. seals, 5, 18 f.
- Burial, S. in I.V., 79 f.; Hittite, 118 Buras' Sin, k. of Ur, re I.V. seal, 60 f.,
- 76, see Paras'u Rām
- Bur Sin I., see Puras' Sin, 60 f.
- CAD, title of Phœnician, see Gad, Kad, and Skt. Caidya
- Caidya, see Cedi title of Phœnician Cain, traditional founder of Unuk
- or Enoch city, see Erek Canals dug by Uruas' or Harvas'wa, 126
- Caphtor in Spain re Sargon I. (Sakuni), 127
- Cassi, for Kāsi or Kassi, 1, 100
- Catti, for Khatti, Khattri or Hitt-ite, 9 f.
- Cattle in I.V. seals, 5, 18 f. ; domestication of, 19 f., 22; kinds of, 20 f. ; see animals
- Caxus, k., f. of Haryas'wa (Uruas') and date, 132; see Gis'zax and Izzax
- Cedi or Chedi, Skt. n. for Gad or Phœnician, 124
- Celtic Cross on S. seals, 136
- Centaur (Skt. Gandharva), friend of Izzak of Erek, 135
- Chaxus or Chakshus, k., see Caxus
- Chariot pole and yokes of Mudgala pictured on seal, 35
- Chattri, Hindi for Khatti
- Christ, re Sun-Fish, 87, 1_8; re Net of Heaven, 129
- Circles, stone, in I.V., 2, 8
- Citra-sena, k., 67, 90
- Civilization, date of introd. into Hindustan, 2, 5
- Clay tablet writing, 23
- Coins, Sun-Fish on Phœnician, 128
- Cow, domestication of, 20 f.; - S. origin of n., 20, 31
- Cross, pre-Christian symbol of Sun, 83, 128; on Vishnu, 83; "Cel-tic" cross carried by Centaur on seals, 136

Cuneiform script, 23 f.

- Cup-mark, S. script in I.V. seals as in A.B., etc., 14, 17, 51, 78 f.; formulas in, as in A.B., 79 f.
- Cvlinder seals, 16
- Cyavana, k. and date, 110; k. of Erek, 131 f.; conquers Harappa, 110, see Kiaga
- DAGON, S. Sun-Fish angel, 128; as Vishnu, 128
- Dakshu, see Daxa and Dax
- Dama, k., 70 f.; see Damu Damu the Goth, seal of, 70, 90
- Dara, "sea," S. origin of n., 11; " deer," 94
- Daras'aki land, 94; seal of, 95
- Dars'aka people, 95
- Darvi land, 95
- Darwa people conquered by Sargon I., 95
- Darya, S. origin of n., 11
- Dasarha, k., 72 Date of seals, 24, 72, 112; of Haryas'wa, Mudgala, Badhryas'wa, Divo Dāsa, etc., 37 f.
- Dax (Skt. Daxa), var. of Tax, 37, 67, 89 f.; seal of, 63, 67, 90; seal of son of, 70 f., 89 f.
- Dead, Resurrection from, by Sun,
- in seals as in A.B., 70 f., 82 Death-amulets in I.V., 77; see grave-amulets
- Deccan, prehistoric stone-circle and mines (Phœnician) in, 2
- Deities, see gods
- Delta of Indus, changes in, 10
- Dhanwan-tari, k. and date, 133
- Dhrita-rashtra, k. and date, 3
- Dice in ancient I.V., 15 Dioscuri as Aswin, 91
- Dirgha Tamas, 43 f.; epic of, 52 f.;
- re Us'ij, 52; grand-f. of Haryas'wa, see Tamas Diva-vrata, or Divo Dāsa, 110
- Divination by lot, 92 f.; by water, 93
- Divo Dāsa, k. and date, 32, 110 f.; king of Kās'i (Kish), k. of Erek, 130 f.; priest-king of Lagash, 130; priest of, 97; see Tarsi
- Domestication of cattle in anc. India, 20 f.
- Drains in S. houses in I.V., 15, 118; in Hittite houses, 118
- Dragon conquered by Izzax (or
- Hercules), 135 Dukgin (" Dungi "), k. of Ur, 58 f., 62 f., and see Jama-Dagni
- Dumuzi, see Tamas

Dungi, k., see Dukgin

- Dwarkas, 7, re Warka or Erek as city of Krishna
- Dynasties, re I.V.; 1st Phœnician of Sumers, 32 f., 131 f.; 1st Erek of Isin lists, App. IV., 130 f.; Kus'a, 55 f.; Ur Ninās', 32 f., 130 f.; Sargon's in Ind. Epics, 64 f.; Ur, in Ind. Epics, 55 f.
- Dyutimat, k., 90
- EA, Semitic n. for S. Father-god Induru or Indra
- Eabani, centaur friend of Gis'zax (Caxus) or Hercules, 135
- Eannatum, k., see Bidasnudi or Badhryas'wa; in Isin list, 130 f.
- Edin, S. city-state of seals in I.V., 7, 29, 49, 57, 102 f.; meaning of n., 33, 102 f.; founder of, 27 f.; Uruas' or Haryas'wa, k. of, 27 f.; Mudgala, lord of, 35; Badhry-as'wa, k. of, 108; described by Hiuen Tsiang, 104 Egyptian, theory of Civilization, xv.;
- god-names from S. (Nu and Ra), 7, 93, 127 f.
- Elam, prov. of Sumerians, 16, 56; destroys Ur dyn., 130; no influence in I.V. seals, 116
- Enannatum, k., see En-As'-nadi, and Yuwan-As'wa II., in Isin lists, 130 f.
- En As'nadi or In-As'nadi, k., brother of Bidas'nadi (Paseundi), and Skt. Yuvan-ās'wa II., 131
- Ene Tarsi (or Tarzi), k., 32, 98; see Tarsi, k., Trasu-Dasyu and Divo-Dāsa
- English words from S., see Words
- Enki, Semitic n. for god Sakh, Sax, or Induru, 98
- Enkidu, Semitic n. for centaur friend of Izzax or Hercules, 135
- Enlil, Semitic n. for god Sakh or Induru, 98
- Enoch city, n. for Erek or Unuk
- En Temena, son of Bidas'nadi, 32 'Erakles or Herakles, historical S.
- source of in Erek king Izzax or Arka, App. V., meaning of n., 133 f., 135-6; labours compared with Izzax or Arka, 135 f.; his Phœnic. affinities, 135, see Izzax Erek (or Erech), Semitic n. for
- Unuk or Uruk city, 130 f., or Warka, 132 f.
- FIRE-PRIESTS, Vedic in I.V., 29 f., 43 f., 108 f.

Fire, production of sacred, 45 f.

- Fish, Resurrecting Sun as, 82; Vishnu as, 83 f., 127 f.; Varuna as, 88; symbol of Christ as, 87; on Phœnician coins of Gades, etc., 128; in temples, 128; see "Ninā" and Piscina
- Fish-man, S. origin and meaning of, 82 f., 86 f.
- Flood myth of Chaldee aborigines, x, 130 f.
- GAD or Gadi, title of Phœnicians on seals, 74, 80 f., 88, 100, 124 f.; Faith of the, 124
- Gades, Sun-Fish on Phœnic. coins of. 128
- Gadhi, k., as Gudea, k. of Ur, 56, 75; date of, 55 f., 112
- Galawa, or Galha, p., seal of, 73 f.
- Gandhara, land and people, 95
- Gandhava, see centaur
- Garga, p., grave-amulet of, 97 Gautama, title of Dirgha-Tamas, 44, 70; of Buddha, 44; on seal, 70
- Gayatri hymn of S. origin, 119, and see Savitri
- George, S. origin of n., 98
- Getæ or Goths, 16; see Guti
- Gilgamesh, Semitic n. for Izzax (or Caxus), k. of Erek, see Izzax
- Gimil Sin, see S'us'in
- Gis'zax, k., see Izzax
- Glazed bricks (Phœnic.), in I.V., 15, TT8
- Goat on I.V. seals, 20, 22
- God, S. source of n., 127; Fatherof S. Induru or Indra, 22; Daxa or Daksha, 37; Savitra, 75 Vishnu, 82 f., and see "Nina, 75 ; Ningirsu
- Goddesses, absent in early S. seals and monuments, 125 f.
- Gorgias, S. origin of n., 98
- Gotama, see Gautama
- Goth, title of Phœnicians, on I.V. seal, 70, 72, 100
- Gothic arch, early in I.V., 103
- Goths, horned hats of on seals, 35
- Grave amulets, S., in I.V., 77 f.; formulas on, as in A.B., 78 f.
- Greek, gods n. and form derived from S., see Poseidon and Zeus; words derived S., 24, etc., see words
- Gudia, or Gudea, k. in Indian Epics, 56 f., 58 f.

Gu-Edin, 33

- Gunidu or Gunitu (Skt. Kunti),
- father of k. Uruas', 125, 133 Gurgu, grave-amulet of, 97

Gusa land, 109

- Guti or Goth, seal of a, 70 f., 100
- HAR (or Harri), " Aryan," title on seals, 70, 100
- Harappa, seals from, 3 f., 18 f.; site of, 7, 13 f.; stupas at, 15, 104; in Vedas, 110; conquered by Cyavana about 2950 B.C (?), 110 Haryas'wa, k., as S. Uruas' (so-
- called Ur-Nina), 26, 30 f., 123 f.; son of Caxus (Gis'zax, Izzax or Hercules), 130 f.; founds 1st Phœnician (Panch-ala) dyn., 26 f., 30 f.; date of, 32; his portrait, 26; k. of Edin, 35; k. of Erek, 130 f.; k. of Lagash, 30; his B'aramyas'wa title, 32 f., 35, 123; as Dhanwan-tari; see Uruas'
- Hariyupiyā, as Harappa, 110
- Hawk, Sun, 41, 94
- Heaven, in seals, 94, 97; and see Kha and Sūkha; Bull of, title of Induru and Indra, 22
- Heria, Gothic form of Har, or Arya Hell, Izzax or Hercules descends
- into. Herakles or Hercules, S. historical
- origin of in Izzax, k. of Erek, vi, xvi, xix, xx, App. IV., 130 f., and V, 132 f.; father of founder of 1st Phœnic. dyn., 130 f.; his labours compared in detail, 135 f.; his centaur friend in S., 136
- Hindi words derived from S., see Words, Sanskritic
- Hindu, origin and meaning of n., 10
- Hindustan or Ganges Valley, 7
- Historical effects of discoveries, 114 f.
- Hiti (or Hittite), n. for I.V., 106; on coins of Gothic kings of, 107
- Hitt-ite, syn. for Khatti, Catti, Khattiyo or Khattri, viii, etc., 106
- Hittites, as Indo-Aryans, 1 f.; in I.V., 106 f.; graves of in house-walls as in I.V., 118; Aryan King-
- lists of, in Indian Epics, viii Hiuen Tsiang on Edin in I.V., 106 f.; on Sun-temple in I.V., 108 f.
- Horn headdress of Sumerians as in
- A.B. and Goths, 22, 32, 35, 118 Houses of seal-holders of Sumero-Phœnician type, 1, 118

- IA, short form of S. Father-god name Indura, 79, 127
- In-As'nadi or En-As'nadi, k., as Skt. Yeuwan-As'wa II., brother of Bidas'nadi (Pasenadi or Prasen-
- ajit), 131 India, n., 9 f.; date of "Aryan invasion" of, 3; Amorites in ancient, 2, 8 f.
- Indian Epics, Aryan King lists of, viii: as source of new S. history, viii, 32, 56 f., 123 f.; unique key to restoring S. proper names, viii f., 2, 20 f.
- Indian Ocean and Persian Gulf as "Lower Sea" of Sumero-Phœnicians, 63
- Indo-Aryans as Hittites, viii, I f.
- Indra, S. origin of n. and form, 22 f.; Bull of Heaven, title of deriv. from S., 22
- Induru, Father-god of S., 22, 34 Indus Valley, Amorites and Phœni-cians in, 8 f., 10 f.; prehist. Stone-circles in, 2, 8
- Ionian, 71
- Iron in ancient I.V., 15 Isin King-lists contain " Ur Nina," Haryas'wa and his dynasty, x f., App. IV., 129 f.
- Ivory seals in I.V., 17 Izzax or Gis'zax (Skt. Caxus), k. of Erek about 3150 B.C., as 'Erakles, xvi, xix, xx, App. IV., 130 f., and V., 132 f.; as Fire-priest, 133; f. of founder of 1st Dyn. Phœnicians, and king of I.V., 47 f., 132 f.; his twelve labours, 134 f.; killing lion, xiv, etc.; taming wild bull, 22, etc., 131, etc.; watering (or cleansing) cattle, 47; son of Dirgha-Tamas, 47, 132 f.; his title, Arka, 132 f., etc.; Gunitu (Skt. Kunti), 125, 133; his centaur friend, 136; see 'Erakles

JALANDHARA, 129

Jama-Dagni, k., as Dukgin or "Dungi," k. of Ur and date, 58 f. as Dukgin or

- KA, n. of Sun-god Vishnu, 128; and cp. S. ka, "burn, of fire," B. 529 Kad, or Kadi, title of Phœnician,
- 74 f., 123 f.; on seals, 74, 80 f., 100
- Kadesh, "House of Kads," n. of Phœnician cities, 124, 127; see Gades

- Kakshivan, p., signet of, 42 f.; see Aus'ija
- Kanwa, p., signet of, 40, 45 f. Kan(wa) S'ar or Kanwa S'rayasa, p., signet of, 73
- Kan(we), p., signet of, 49 Karamba, k., son of S'akuni, socalled Naram Sin, 64 f.
- Kās'i, clan, 43, 100; cp. var. of Kassi and Kaz; city of Kish (?)
- Kassi, clan of Sumero-Phœnic., i, 17, 22; in I.V., 17 Kathai tribe in I.V., 100, 106
- Kaz, clan title on seal, 72, 100
- Ketu-mat, k. and date, 133
- Kha, S. n. of Sun as Fish, 82, 128; Skt. n. of Sun, 128
- Khāb, a reading of Khād
- Khād, or Sun-Fish Father, 123 f., 127 f.; title of Phœnician, 30 f., 123 f.
- Khaiti, n. for Hittite on seals, 100, 106
- Khati-sig, city n. in I.V., 49, 106
- Khas', seer, 31 f.
- Khattesig, high-priest title, 50 Khatti, "Hitt-ite," 3 f., 43, 100, 106
- Khattiyo, Pali for Khatti, 43
- Khattri, Hindi for Khatti, 43, 106
- Kiaga, k., as Cyavana, 130 f.; see Uru Kagina
- King-lists, of Sumerians and Mesopot. in Indian Epics, viii f., 2, 28, 31 f., 56 f., 113 f., 123 f., 130 f.; Isin lists contain "Ur Nina " and his dynasty, xi, 130 f.; and see Ind. Epics
- Kish, S. capital of k. Tarsi, etc.= Kās'i, cap. of Divo Dāsa, etc., 133
- Koi, n. S. origin of, 20
- Krishna, sons of, 57 ; Dwarka, cap. of, re Warka or Erek
- Krivi, as Syrio-Phœnician, 8, 41, 46
- Kshattriya, see Khatti
- Kuad or Kuadi, title of Phœnician, 123 f.
- Kunti, k., see Gunitu
- Kuru, tribe, as Syrian, 8; see Krivi, k., 56
- Kuru-Panch-āla as Syrio-Phœnic., 8 f., 80, 88
- Kusa, k., 109; dyn., 109; land, 109 Kusa-wati, land, 109
- Kushan tribe in I.V., 14
- Kus'ika, k., 58; dynasty, 55 f.
- LA Bis'e, k., title of Bidas'nadi or Pasenadi, 131

- Lagash, a reading of n. Sirlapur or Sirpurla for S. city-port, 7, 10 f., 30
- Latin words derived from S., see Words
- Lists, see King-lists
- Lotus symbol of Sun, 83
- Lugal Kiaga, see Uru Kagina and Cyavana
- Lugal Tarzi, see Tarsi, k.
- MACE-HEADS, stone, in I.V., 15; of Mudgala, 35 f., 118; as symbol of Sun, 83, 118
- Madgal, k., see A.-Madgal and Mudgala
- Maga Šun-worshippers in I.V., 34, 103
- Magan land, 116
- Magi Sun-worshippers in I.V., 34, 103, 108
- Magic-man, 37
- Mahā Bhārata war, date of, 3
- Manis'-tusu, k., as Asa Manjas, 66
- Maratha words from S., see Words, Sanskritic
- Maruta, as Amorite, 8 f., 67; in I.V., 8 f. ; k., 67, 72 Matriarchists of Chaldee, 60, 105,
- 108, 125 f.; of Van, 105
- Mede-as'na, k. of Erek, as Mettiyo or Mitrayu and Medhatithi, 131 f. Medes as Mitani, 90
- Medhatithi, k. and date, 47; and see Mede-as'na
- Medicine, Vedic from I.V., 9; Mudgala as physician, see Azu
- Mediterranean, as Sea of the Gadi or Phœnicians, 124; as Upper Sea of S., 63, 128
- Mer, n. for Amorite, 9 f., 50 f.
- Merchant Phoenicians as priests in I.V., 42 f.
- Mettiyo, k. and date, 130 f.
- Michael, St, as S. divinity, 79
- Midas', seal of, 89 f.
- Midhwas, k., 89
- Mines, anc. Phœnician, in I.V., 2, 13; in Deccan "South Panch-āla," 2
- Mitani as Medes, 90
- Mithila line as Medes, 90
- Mitrayu, k. and date, 131 f. Mohenjo Daro, I.V. Phœnic. port, 10; location of, 7, 11 f.; S. seals and ruins at, 14; name of, 110 f.
- Moon worship of Chaldees, 60, 125
- Mother-Son cult of Chaldees, 60, 125, and see Matriarchists

- Mudgala, Vedic k. and priest-king and date, 32, 39 f.; 2nd k. of Phœnic. Dyn., 32, 37; lord of Edin in I.V., 35 f.; k. of Erek, 130 f.; in Isin list, 130 f.; portrait of, 26, 35; as Fire-priest, 26, 35, 133; Chariot poles and yokes of figured, 35; stone-maces of figured, 35, 118; Vedic hymn of, picture, 34 f., 38; title of, 131 f., 133
- Muru, variant of Amorite, 9 f., 50 f.
- NAGA, sea-serpent and water spirits, 83; S. origin of n., 84
- Names, personal and titles, in seals, 42 f., 99 f. ; place- on seals, 102 f. ; plurality of S. kings, 66 ; personal- as restored by Assyriologists largely fictitious, viii f., 32 f., 65, etc.; Sumerian, as source of English, Sanskrit and other Aryan words, see Words.
- Nanā, Chaldean Mother-goddess, confused with "Ninā," 125 f. Napat, Skt. for Neptune, 127
- Naram Sin, k., see Karamba
- Narishyanta, k., 67, 72
- Nasati or Nasatya, dual Sun, 9, 90
- Neolithic remains in I.V., 15, 105
- Neptune, S. origin of n. and form as Fish-god, 127, 129, and see Poseidon
- Net of S. Sun-god, 41, 127 f., 129; worshipped by Chaldees, 129, re Buddha, 129; in Christianity, 120
- Nikumbha, title of Mudgala
- Nin for S. Nun, 126 Ninā, so-called "goddess" is Resurrecting Sun-god, xiii, 79 f., 125 f.; as Dagon, 125 f.; as Poseidon and Neptune, 85, 127 f.; as Vishnu, 83, 125 f.; name, 123 f. Noah, re S. Fish-god, 127
- Nu or Nun, as Fish-god of Deep, 84, 127; title of Resurrecting Sun, 84; S. source of n. of Egyptian Water-god, 127
- Nun, 84, with variant Nin, 126 f.
- ODANA, land, 104
- Oja, medicine-man, S. origin of n., 37
- Opis, city captured by Bidas'nadi or Badhryas'wa, 133
- Otin or Otien, Indian form of Etin or Edin, 7, 104 Otin-Pochiro, Indian form of Edin-
- Behker in I.V., 105

- PANCH-ALA (" The able Panch ") or Phænic-ian, 8 f., 26 f., 29, 31 f.; date of founding of First Dynasty, 30 f.; in Ganges Valley (North in Panch-āla), Deccan with ancient mines (South Panch-āla); see Kuru-Panch-āla and Barat
- Paradu (Burat) tribe, 107
- Paras'u Rāma, k. and date, 59 f., 61 f. : as Puras' Sin, k. of Ur, 59 f., 61 f.; massacre of sons of Haryas'wa by, 60, 76; worship of goddesses, moon, and human sacrifice, 60 f., 62; see Buras' Sin Pārtha (Barat) tribe, 110
- Parthian (Barat) tribe, 107, 110
- Pasenadi or Prasenajit, 32, 129 f.; portrait of, 41; see Bidasnadi
- Patesi, p., title, 50 Patrick, St, and Sun-Fish, 128
- Persian Gulf and Phœnicians, 10 f.
- Phœnician, synonyms of title, see Caidya, Cedi, Gad, Kad and Panch-āla,
- Phœnicians, Aryans in race, I f., 17 f., 31, 114, 134 f.; leading branch of Sumerian, 1 f., 30 f., Ist dynasty of, in Mesop., 3100 B.C., 26 f., 30 f., 123 f.; in I.V., 10 f., 29, 33 f. ; in Hindustan, 1 f., 10 f.; in Mediterranean, 31 f.; in Isin lists of Erek, 131 f.; Sun-worship of, 9 f., 33 f., 123 f.; Sun-Fish on coins and temples of, 128; Phœnix Sun-bird of, 41; see Amorite, Barat, Cedis, Gad, Gadi, Kad, Khad, Qadi, Panch-āla and Kuru-Panch-ala
- Phœnix Sun-bird, 41
- Piesh, n. of Sun-Fish god, 86 f.; and see Poseidon, Vishnu and Sukha
- Christian Piscina, in temples, Phœnic. origin of, 128
- Pisiris, k., see Vicitra and WisIdi-(-гі)
- Plough cattle of S., 22
- Poseidon, S. origin of n. and form, 85
- Prasenajit, k. and date, see Pasenadi
- Priest-titles of Sumero-Phœnicians and of seals, see Azu, Barama (or Brahman), Barugu (or Bhargava or B'rigu), Khas'
- Priestesses, Sun-, in I.V., 50 f., 91 f., 108 f.; signet of, 50 f.; grave-
- amulet of, 91 f.; see Us'ij Purānas, see Indian Epics
- Puras'-Sin, k., see Paras'u-Rama
- Purujanu, k., and date, 133

- QUADI, var. of Kad. Kadi, or Phœnician, 124; Sea of, 124
- Qadesh, var. of Kadesh, Phœnic. city n., 124; meaning of n., 124 Quti, var. of Guti or Gath
- RAVI, river, 7, 13; in Vedas, 110 Restoration of S. names, by Assyriologists fictitious, viii, 29, 32, 56, 65 f.; Indian Epics and Vedas as key to, 28 f., 65 f.
- Resurrecting Sun as Fish, 81 f.; and see Khād, "Ninā," Vishnu Resurrection from Dead, belief in,
- by Sumero-Phœnics., 77 f.; Sun invoked for, on I.V. seals as in A.B., 79, 82 f., 90
- Rijiswan, son of Aus'ija, 43
- SABTAR, p., signet of, 75; graveamulet of, 97
- Sacae tribe, as S. Saki, and Skt. S'aka or Scyths, 53, 63, 101, 103, 108
- Saca-stene, Persian n. for S'aka land, 108
- Sagara, title of Sargon I., 64 f., 66 f.; signet of, 68
- Sagunu, n. of Sargon I. on I.V. seals, 63
- Saka, land in I.V., 34, 53, 63 f., 103 f., 108; conquered by Bidas'nadi, 108, and by Sargon I., 68; Sun-worshippers in, 34, 53, 63, 68 f., 103 f.; tribe, 34, 53, 67 f., 101 ; see Saki
- Sakh, or Sax or Zax, S. n. for Induru or Indra, 98, 133; see Sakko and S'akra
- Sakiland in I.V., 34, 53, 63, 68, 72 f., 103; conquered by Bidas'nadi, 108; tribe, 101; see S'aka Sakko, pali for S. Sakh (or S'akra)
- or Induru, 98, 133 S'akra, n. for Indra derived from S., 98, 133; see Sakko
- S'akuni, title of Sargon I., 64 f., 66 f.; signet of, 68
- S'ākya, n. for Scyths, and for Buddhas' clan, see S'aka
- Sanjaya or Srinjaya, a Panch-āla
- clan, 54 Sargon I., as Sagunu and Sirgunu of I.V. seals, 63 f.; as S'akuni in Ind. Epics, 64 f.; as Sagara in Ind. Epics and on I.V. seal, 64 f., 66 f.; ancestry and early hist. of in Ind. Epics, 110; capital city n. see Agadu, Agdu, Ayodhya and Azutu; suzerain of I.V.,

63 f., 68; conquers S'aka land, 68, 70; in Mediterranean, 63, 128; seal of with Izzax and buffaloes, 47; seal of minister of, in I.V., 63 f.; as world-emperor, 63

- Saros of Greeks, derived from S., 96
- Savitri, p., seal of, 75; grave-amulet of, 97; god n., 76
- Savitri, daughter of daxa, 75
- Saxon, n., 101
- Script, on seals, 23; cup-marked S. as in A.B., 24 f.
- Scyths in Asia Minor, 16; in I.V.. see S'aka
- Sea, Lower and Upper of S., 63
- Sea serpent of Deep, 128, and see Nāga
- Seals, S., in I.V., 5, 16 f.; amulet, 17, 19 f., 77 f.; signet, 5, 16, 48 f.; animals on, see animals ; cylinder, 16 f.; dates of, 24, 112 f.; findsites of, 3, 5, 6 f. ; owners of, 29 f., 42 f., 48 f. ; script of, 23, 28 f. ; stamp, 16 f.
- Seistan, n., 108
- Semiramis, matriarch of Van, 105
- Semites, so-called "Western," as Aryans, xii, 64 f.
- S'ibi or S'ivi, k. in I.V., 103; tribe. 54, 73, 104
- Sib-oi tribe of I.V., 54
- Sidu, place n., 73
- S'ikhi, place n., 73 Sindhu, n. for Indus, 8 f.
- Sirburla or Sirlapur, n. for Sumero-Phœnic. city-port, 10 f.
- Sirgunu or Sirgana, n. of Sargon I. on I.V. seal, 65
- Stone, circles, in I.V., 2, 8; maces in I.V., 15, 35, 118
- Sukhā, Resurrecting Sun-Fish, 81 f., 127 f.
- Sukhā-vati, western paradise, n. derived from S., 81
- Sukirti, son of Aus'ija, 43
- Sumerian, a misleading term, xx; language and race, Aryan, 1 f.; script on I.V. seals, 23 f.; cupmark script of, 24 f.; 78 f.
- Sumerians, Aryan in race, 1 f., 114 f.; in Indus Valley, 4 f.; Indian Epics and Vedas, a source of history of, viii, 2, 39 f., 56 f., and see Ind. Epics; names of as restored by Assyriologists largely fictitious, 28 f.; as Sun-wor-shippers, 77 f.; see Sumerian
- Sun, as angel of S., 45 f.; Father-god Induru, 77; Cross emblem

of, on Vishnu, 83; "Celtic" Cross carried as standard, 136; Fire offering to, 29, 45 f., and see Fire-priests; Fish as Resurrect-ing, on Seals, 81 f.; Phœnician worship of, 33 f., 42 f., 46 f., 77 f., 123 f.; priests of, in I.V., 42 f., 90 f.; priestesses of, in I.V., 34 f., 50 f., 91 f., 103 and App. II.; temple in I.V., 108 f.; invoked for resurrection from dead, 77 f.; ^{'''}Ninā,' see As'win, Nasati, Sukhā, Vishnu.

- Sun-Cross of Vishnu, 83
- Sun Fish, 82 f., 125 f.; on I.V. Seals, 81 f., 120; on Phœnician coins and temples, 127; as Biesh, Dagon, "Ninā," Poseidon, Vishnu, 81 f., 125 f., re Christ, 87, 128; re St Patrick, 128; Net of, 129
- Sun Hawk, 41, 94, and see Phœnix
- Sus'a (Elam), province of Sumerians. 16, 23, 56, 116 S'us'ena, k. of Ur dyn., signet of in
- I.V., 55 f., 57, 113, see Gimil Sin Sushena, the Kus'ika, and date, 55 f.
- S'usin or S'uas'sin, k., see S'us'ena
- Swahā, S. origin of n., and meaning, 88
- Svria Phœnicia, see Kuru-Panchāla, 2 f., 8 f., etc.
- TAMAS, as Dirgha Tamas, grand-f. of Dhanwan-tari (or Haryas'wa),
- 43 f., 113 f.; and see Tamuz Tamuz, var. of Dumuzi, as Dirgha Tamas, 113 f.; Bowl of, 133 re Chaldean god Tamuz
- Tarsi, k. of Kish of the Bowl, 98, 133; k. of Erek, 131 f.; priestking of Lagash, 32; see Divo Dāsa, Ene Tarsi and Trasa-dasyu
- Tascio or Daksha ("Marduck"),
- Sun archangel, 37, 79 Tax, var. of Dax or Daksha, 37, 63 f., 71 f.
- Temples of Sun, Phœnician in Mesop., 33, 125 f.; in I.V., 52, 108 f.; Sun Fish in, 128 f.; Vestals in, 52, 108, 125; see Edin, Gu-Edin, Gades, "Nanā" Terra-cotta pottery, etc., S. in I.V.,
- 15, 118
- Tibet, gold fields of, exploited by Phœnicians, 7, 9, 13
- Titles of S. kings, plurality of, 66, 131 f., App. IV.
- Toy figurines, S., in I.V., 15, 118
- Trasa-Dasyu, var. of (?) Divo-Dāsa in Ind. Epic solarlist, see App. IV.

- Trinabindu, k., p. 67
- Trojan amulet seals with S. cupmark script as in I.V. and A.B., 77 f.
- UCATHYA, title of father of Dirgha Tamas, 53
- Uccaih, k., seal of, 80, 88, see Uggu
- Uggu, k., seal of, 80, 88
- Unicorn on I.V. seals, 17
- Unug, S. n. for Uruk, Erek or Warka, 100
- Ur dynasty in Ind. Epics, 56 f.; seal of in I.V., 55 f.; moon and goddess worship of, 60 f., 125
- Ur Engur, see Uruas'-zikum
- Ur Nammu, see Uruas'-zikum
- Ur Ninā, so-called, founder of 1st Phœnic, Dyn., 26 f., 30 f.; his proper name, 30 f., App. I. and IV.; ancestry of, App. IV.; his dynasty in Isin lists as k. of Erek, **x**, App. IV.; his worship of "Ninā," App. II.; see Uruas' and Harvas'wa
- Ur Nun, var. of Ur Nina, App. IV.
- Uri, var. of Ari or Aryan (and Amorite), 51, 109
- Uriki, city, 50 f., 109; band, xii, 100
- Uruas' (Skt. Haryas'wa), k., founds 1st Phœnic. Dyn., 26 f.; 30 f.; name, 123 f.; father of Madgal (Mudgala), 32 f.; portrait of, 26; k. of Lagash, 30 f.; k. of Edin., 35 f.; k. of Erek, App. IV.; ancestry of, father (Izzax) and grandfather (Dirgha Tamas), 44 f., App. IV.; founds Edin in I.V., 32 f.; plurality of titles of, etc., App. IV.; see Ur "Ninā," Haryas wa, Dhanwantari
- Uruas'-zikum, k., founder of Ur dyn., 59 f.; see Uru-Ricika
- Uruk city, var. of Unuk or Erek
- Uru Kagina, k. and date, 130 f.; k. of Erek and Lagash, 131 f., see Cyawana
- Uru Kiaga, k. var. of Kagina, 130 f.
- Uru Ricika, p., 57 f., as Uruas'-zikum, founder of Ur dyn., 59 f.
- Us'ana, p., seal of, 96
- Us'ij, slave girl Sun-priestess, 42 f., 52 f., 103, 110, 126 f.; signet of, 50 f.; grave-amulet of, 91; her epic, 52 f.; as wife of Aus'ija Kakshivan, 52 f.; as wife of Dirgha Tamas, 52 f.; as Vestal, 52 f., 108; see Us'ij and Uzuas' Us'inara land, 54

- Us'iz, S. slave girl Sun-priestess,
- seal of, 50 f., 91 f., 103 ; see Us'iz Uzuas', S. slave girl Sun-priestess, grave amulet of, 91 f., see Us'ij
- VAN, matriarchists of, 105 Varuna, god of Deep, Fish of, 88 Vedas as a source of Sumerian and
- Mesopot. history, 2 f., 32, 39 Vedic Fire-priests and heroes in I.V., 4, 29 f.; seals of, 5, 18 f., 29 f., 48 f., 79 f.
- Vedic priests and kings in Asia Minor and Mesopot., 2 f.
- Vedic scholars arbitrarily reject and denounce Indian Epics, viii, xii, 121, and see W.P.O.B., 10 f.
- Vestals in Sumero-Phœnician Suntemples, 34, 52, 109, 125 f.
- Vicitra Virya, last k. of Hittites and
- date, 3 f. ictory, "seal" of Mudgala, 35 f.; Victory, " seal " of Muugaa, 3, -, stele of Badhryas'wa, 41 and App. III.
- Vis'ali, k., 67
- Vishnu, n. and form Sumerian, 82 f.; meaning of n., 82 f., 86 f., 128 f.; origin of, 82 f.; three steps of, 86; Sun cross of, 83; see Blesh, "Ninā," S'ukha
- Vis'wa-Mitra, p., 58, 61; date of, 58 f. (about 2450 B.C.)
- Vricaya, wife of Aus'ija Kakshivan, seal of and date, 52 f.
- Vrici tribe, see Urici, 110 f.
- Vultures, victory stele of, of Badhryas'wa, 41, 129 f.
- WARAS'IKA, k. of Vrici tribe at Harappa and date, 110
- Warka, modern n. of Uruk or Erek, 132, 135-6, re Dwarka, cap. of Krishna
- Waves, ruler of the, title of 1st Phœnician king, 122, 124 f.
- Western or Upper sea of S., the
- Mediterranean, 63, 127 Western Semites of Assyriologists are Aryans, xii, 64 f.
- Wool robes of Maruts, 9; of Sumers, 9, 26
- Words, some English and Sanskritic critical, incidentally occurring in derived from Sumerian texts. (their Gothic, Greek and Latin cognates sometimes given at the same page and Indian dialects under the Sanskritic) :

ENGLISH : a (augment prefix), 32;

ace, 24; augur, 37; bar, 45; barn, byre, bower and barrack, 93; can, 40; cover, 89; cow, 20; dam, dame, 126 ; deer, 94 ; faith, dam, dame, 120, deer, 94, 1211, 85; fish, 82; god, 127; grave, 81, 88; hawk, 94; hero, 52, 128; house, 124; hump (hum), 50; kelpie, 136; mother (mut), 71; navy, 127; Neptune, 127; Noah, 127; 0x, 81; ray, 93; sibyl, 50; town (dun), 25; two, 25, 51; whelp, 135; wit, 85; wolf, 135; SANSKRITIC: A (Vishnu), 126; a (augment prefix), 32; abhira, a (augment prenz), 32; abnra, 130; ag (fire), 62; aja (goat from uz), 95; ama, 66; Arya, 51; asa, 66; as'wa, 31; ba, bha, 66; bains, 111; bara, bari, 93; Bhargava, Bhrigu, 31, 45; Brah-ma, Brahman, 36, 47; Chedi, 124; Daksha, see Daksha; dara, darwa Uki, dwa tti corrage darya, 11; dva, 51; ga, gava, 20; ganw, grama, 20; guna, 84; har (land), 31, 65; hary, 52, 128; Indra, see Indra; ka, 66, 128; kha, 82, 128; k'shattri or khattri (see Khatti); kull, 133; mahisha, 111; mati (mad earth), 71; mata, mrit (dead), 89; na, 66; nāga, 84; napat, 127; nau, nauka, 54, 127; oja, osadhi, 37; pur, 133; ra, ravi, 93; Saìrtri, 76; s'ukha, 88; swahā, 88; swamin, 57; uksan, 81; vara, 93; ved, vid, 85; Vishnu, see Vishnu; Yahva, 127

- Wrici tribe at Harappa, 110 Writing in early Vedic period in I.V., 16; material, 16; S. 23 f.
- XATTI, var. of Khatti, Khattri, Chattri. 16
- YAHVA, title of Indra (and Hebrew Yahvh or "Jehovah"), S., 127
- Yavan or Ionian, 71
- Yavya or Ravi, 110
- Yokes of Mudgala's chariot, 35 f.
- Yuvan-as'wa II., as "Enannatum," 131
- ZAKH or Zax, title of Induru Indra (Sakko or S'akra), or Zeus, 133 f.
- Zeus, S. origin of n., 133 f.
- Zoroaster, re Maga or Maji of the I.V. seals, 110

THE PHŒNICIAN ORIGIN OF BRITONS SCOTS & ANGLO-SAXONS

DISCOVERED BY PHOENICIAN & SUMERIAN INSCRIPTIONS IN BRITAIN, BY PRE-ROMAN-BRITON COINS & A MASS OF NEW HISTORY

BY

L. A. WADDELL

LL.D., C.B., C.I.E.,

Fellow of the Royal Anthropological Institute, Linnean & Folk-Lore Societies, Hon. Correspondt. Indian Archæological Survey, Ex-Professor of Tibetan, London University.

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CONTENTS

Pri	BFACE	v-xv
	P.	
Ι.	The Phœnicians discovered to be Aryans in Race and the Ancestors of the Britons, Scots and Anglo-Saxons	1-15
2.	The Undeciphered Phœnician Inscriptions of about 400 B.C. in	
3.	Britain and Site of Monument The Inscriptions of Newton Stone and Previous Futile Attempts at	16-20
Ŭ	Decipherment	21-25
4.	Decipherment and Translation of the Phænician Inscriptions: Disclosing Monument to be a votive Fire-Cross to the Sun-god Bel	
	by a Phænician Hittite "Brit-on," and the script and language	
e	Aryan-Phænician or Early Briton . Date of Newton Stone Inscriptions about 400 B.C.: Disclosing	26-32
5.	special features of Aryan-Phænician Script, also Ogam as sacred	
۲	Sun-cult script of the Hittites, Early Britons and Scots Personal, Ethnic and Geographic Phœnician Names and Titles in	33-37
0.	Newton Stone Inscriptions and their Historic Significance : Dis-	
	closing also Phænician source of the "Cassi" title of Ancient	-
7.	Briton kings and their Coins Phœnician Tribal Title of "Barat" or "Brihat" and its Source of	38-51
•	names "Brit-on," "Brit-ain" and "Brit-annia": Disclosing	
	Aryan-Phanician Origin of the tutelary Britannia and of her form and emblems in Art	52-66
8.	Phoenician Barat or "Brit" author of Newton Stone Inscriptions	•
	disclosed as Historical Original of "Part-olon, King of the Scots" and traditional civilizer of Ireland about 400 B.C.:	
	Disclosing Hitto-Phænician Origin of clan title "Uallana" or	•
	" Vellaunus" or "Wallon" of Briton Kings Cassi-Vellaunus or Cad-Wallon, &c. and of "Uchlani" title of Cassi ruling Britons	
9.	Local Survival of Part-olon's Name in the District of his Monument :	•
	Disclosing Phænician Origin of names Barthol, Bartle, Bartholo- mew, and "Brude" title of the Kings of the Picts	81-90
10.	Part-olon's Invasion of Ireland about 400 B.C. discovers the First	
	Peopling of Ireland and Albion in the Stone Age by Matriarchist	:
	Van or Fen "Dwarfs": Disclosing Van or "Fein" Origin of	r
	Irish aborigines and of their Serpent-worship, St. Brigid and	!

PACE

сна	P. PAGE
11.	Who were the Picts? Disclosing their Non-Aryan Racial Nature and Affinity with Matriarchist Van, Wan or Fein Dwarfs and as the aborigines of Britain in Stone Age
12.	Who were the "Celts" properly so-called? Disclosing identity of Early British "Celts" or Kelts and "Culdees" with the "Khaldis" of Van and the Picts
13.	Coming of the Britons or Aryan Brito-Phœnicians under King Brutus-the-Trojan to Aibion about 1103 B.C 142-167
14.	Aryanizing Civilization of Picts and Celts by Brutus and his Brito- Phœnician Goths about 1100 B.C.: Disclosing Phænician Origin of Celtic, Cymric, Gothic and English Languages, and founding of London and Bronze Age 168-187
15.	Phœnician Penetration of Britain attested by "Barat" patronym in old Place and Ethnic Names: Disclosing also Sumero-Phænician sources of "Cumber, Cymer and Somer" ethnic Names . 188-199
16.	"Catti," "Keith, Gad and Cassi" titles in Old Ethnic and Place Names evidencing Phœnician Penetration of Britain and its Isles: Confirming Hitto-Phœnician origin of "Catti" and "Cassi" Coins of pre-Roman Britain 200-215
17.	Prehistoric Stone Circles in Britain disclosed as Solar Observatories erected by Mor-ite Brito-Phœnicians and their Date: Disclosing method of "Sighting" the Circles
18.	Prehistoric "Cup-Marking" on Circles, Rocks, etc., in Britain, and Circles on Ancient Britain Coins and Monuments as Invocations to Sun-god in Sumerian Circle script by Early Hitto-Phœnicians: Disclosing Phænician Origin of Solar Emblems on prehistoric Briton inscriptions by identical Cup-marks on Hitto-Sumerian seals and Trojan Amulets with explanatory Sumer script; and Hitto-Sumer Origin of god names "Jahveh" or Jove, Indra, "Indri"-Thor of Goths. "St. Andrew," Earth-goddess "Maia" or May, "Three Fates or Sibyls" etc., and of English names and signs of Numerals 236-261
19.	"Sun-Worship" and Bel-Fire Rites in Early Britain derived from the Phoenicians: Disclosing Phoenician Origin of Solar Emblems on pre-Christian monuments in Britain, on pre-Roman Britain Coins, and of "Deasil" or Sunwise direction and Horse-shoe for Luck, etc., and John-the-Baptist as Aryan Sun-Fire Priest 262-288
20.	Sun Cross of Hitto-Phœnicians is Origin of pre-Christian Cross on Briton Coins and Monuments and of "Celtic" and "True" Cross in Christianity: Disclosing Catti, "Hitt-ite" or Gothic Origin of "Celtic" or Runic Cross, Fiery Cross, Red Cross of St. George, Swastika and "Spectacles," Crosses on Early Briton Coins, etc., and introduction of True Cross into Christianity by the Goths; and ancient "Brito-Gothic" Hymns to the Sun
21.	St. Andrew as Patron Saint with his "Cross" incorporates Hitto- Sumerian Father-God Indara, Indra or Gothic "Indri"-Thor and his hammer introduced into Early Britain by Gothic Phœni- cians: Disclosing pre-Christian worship of Andrew in Early Britain and Hittite Origin of Crosses on Union Jack and Scandi- navian Ensigns; Unicorn and Cymric Goat as sacred Goat of Indara; Goat as rebus for "Goth"; and St. Andrew as an Aryan Phænician
22.	Corn Spirit "Tas-Mikal" or "Tash-ub" of Hitto-Sumers is "Tascio" of Early Briton Coins and Prehistoric Inscriptions, "Ty" Gothic god of Tues-day, and "Michael-the-Archangel," introduced by Phœnicians: Disclosing his identity with Phænician Archangel "Tass," "Taks," "Dashap-Mikal," and "Thiasa," "Mikli" of Goths," "Daxa" of Vedas, and widespread worship in Early Britain; Phænician Origin of Dionysos and "Michael- mas" Harvest Festival and of those names . 338-362
23.	Aryan-Phœnician Racial Element in the Mixed Race of the British Isles and its Effect on the Progress of British Civilization 363-378
24.	Historical Effects of the Discoveries

APPENDICES

CHAP.									PAGE
I.	Chronolog 1103 B.C.	to Rom	ian Per	riod, C	Compile	d fron	n Early	y Britis	h
	Chronicles records of	s of Geo Dr. Pow	ffrey of ell, etc.	f Moni , <i>and c</i> e	mouth Infirmed	and so <i>d by Br</i>	uppleme iton Con	ented b ins, etc.	y 385 -393 -
11.	Part-olon's			"Cath	-luan, "	first 1	traditio	nal Kin	g 394-396
III.	"Catti" I tration in Ireland an	the Hor	ne Cou	Name nties,	s evide Midland	ncing l 19, No	Phœnic rth of	ian Pene England	e-
IV.	Brutus-the			Iomeria	Hero	"Peirit	thoos"		404-406
	Founding by King B	of London	n as " N	lew Tre	oy"(Tr		ey or Ti		
VI.	Mor or "A on Tomb c	Amorite'' (of Aryan S	Cup-ma Sun-Prie	rked In stess, o	scription of about	ns with 4000 B	Sumer . C. fron		ot a,
	supplying The Amor referred to	ite Phœn by Sarg	ician Ti on I. of	n Mine Akkad	s of Cas , about	siterid	es in Co		
	or "Caphi			~	l I	•	•	•	413-415
Abbre	viations fo	r Chief R	eferenc	es	•	•	•	•	417-420
Index	•	•	•	•	•	•	•	•	421-450

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