

PRIMITIVE ANCHORS.

STONES AND WOODEN TUBES FILLED WITH LEAD FIRST USED.

The earliest anchors made on the Hook Principle Had Only One Fluke—Grade Devices That Are Still Used in Different Parts of the World.

There appear to be two ideas which have led up to the invention of the modern anchor: (1) the idea of attaching the vessel by means of a rope or chain to a weight sufficiently heavy to keep the vessel from moving when the weight has sunk to the bottom of the sea, and (2) the idea of using a hook instead of (or in addition to) the weight, as to catch in the bottom. The English word anchor is practically the same as the Latin *ancora* and the Greek *ankura*, meaning "that which has an angle," from the root *ank*, bent.

The earliest anchors made on the hook principle probably only had one fluke instead of two. In the "Sumer Archæol. Coll." there is an illustration of what has been surmised to be an anchor made out of the natural forked branch of a tree. It was found with an ancient British canoe at Burgham, Sussex. There is in the British museum an interesting leaden anchor with two flukes bearing a Greek inscription. Its date is about 50 B. C. and it was found off the coast of Cyrene.

The invention of the anchor with two flukes is attributed by Pausanias to Miles, by Pliny to Euphrosinus, and by Strabo to Anacharsis. Different Siculus states that the first anchors were wooden tubes filled with lead, while another classical writer says that before the introduction of metal anchors lumps of stone with a hole through the middle for the attachment of the cable were used.

The form of the anchors used by the Greeks and Romans is well known from representations on Trajan's column and in the catacombs at Rome as an early Christian symbol. This form does not seem to have changed materially for quite a thousand years, as is shown by the Bayeux tapestry.

Some very primitive kinds of anchors are in use at the present day in different parts of the world, and a study of their construction may throw some light on the evolution of the modern anchor.

An anchor which came from Japan consists of a natural forked branch of a tree, slightly improved artificially, so as to make a hook. Two round bars are fixed at right angles to the shank, and to these two ordinary beach pebbles are tied. The length of the anchor is 2 feet 3 inches, the width across the hook 1 foot 5 inches, and across the transverse bars 1 foot 5 inches. The stones are from 5 to 8 inches in diameter and 3 inches thick. Another anchor was in use quite recently in the Arabian islands, off the west coast of Galloway. It is constructed of a sloping bar at each side and three cross-bars, forming a figure not unlike the isosceles triangle in Euclid's postulate. The lower end of the three cross-bars is of square section and is fixed by iron spikes at each side to the sloping pieces so as to prevent them spreading outward. The stone, which acts as a weight, is clipped by means of the two side pieces, being held tightly by two split rings of rope passing under the upper cross-bars.

These cross-bars are of round section and project at each side, thus keeping the rope rings from slipping upward. The cable is fixed to the middle of the lowest transverse bar and is carried up on one side of the stone, then between the two sloping boards, and finally through a loop fixed to a hole at the top of the anchor. The boards at each side are 1 foot 10½ inches long and the stone 1 foot 5 inches long.

It may seem strange that such primitive looking contrivances should continue to be used by fishermen who have a full knowledge of every modern appliance connected with navigation and vessels, yet there are good reasons why they should have survived. Where the sea or river bed is rocky anchors are easily lost. This is a serious matter when the anchor is of iron and of some value, but if it is constructed like those described there is not much difficulty or expense in replacing it. A beach stone and a few bits of wood are always at hand, and the skilled workmanship required to fashion them into a very serviceable anchor is but small.

Thus it is that under certain conditions primitive appliances must always hold their own against modern inventions. When, as often happens, a newly introduced contrivance gets out of order, it generally involves much greater loss of time and more expense to replace it than if it were of simpler construction and capable of being made by an ordinary workman out of materials easily procurable on the spot.

Highly civilized man has much to learn from his prehistoric ancestors and from uncivilized races still existing as to how he should act in an emergency when deprived of his usual appliances.—*Belgian and Illustrated Anthropol.*

Traits of Translation.
English critics say that recently fate gave evidence of more than usual intelligence in the office of a Parisian journal. The Parisian editor saw a London critic's appreciation of Anna Thibaud, whose songs are as pointed and flowery as her "troubadour" slippers. The Londoner wrote that "mademoiselle's feet were incased in fairy boots." The Parisian set himself diligently to work with his dictionary, and soon had it correctly translated, *we presume*, but when it appeared in print, instead of reading that mademoiselle's feet were incased in "fairy boots," it said they were incased in "pots à fleurs" (flower pots).

"Never be critical upon the ladies," was the maxim of an old Irish peer, responsible for his language to the sea. The only way that a true gentleman ever will attempt to look at the faults of a pretty woman is to shut his eyes."

HEART DISEASE.

Weak, Palpitating, Fluttering, Throbbing Hearts can be Cured.

MILBURN'S HEART AND NERVE PILLS THE REMEDY.

HEART disease has of late years become frightfully prevalent. Day after day the papers record sudden deaths of those who might have lived for years to fill their places in the world if they had only heeded the first signs and warnings of heart trouble and had their heart strengthened by Milburn's Heart and Nerve Pills.

Dizzy spells, ship boats, palpitation, fluttering of the heart, choking and smothering sensation, getting out of breath easily, especially on going upstairs, pain in the left side of the breast, are all indications that the heart requires help.

No remedy will do so much to make the heart regain strength and vigor, regulate its beat and restore it to a normal and healthy condition as Milburn's Heart and Nerve Pills.

Mrs. Jane Alcorn, Woodstock, N. B., says: "For many years I have been afflicted with palpitation of the heart, pain in the breast and dizzy sensation on rising quickly. My appetite was poor and I was constantly run down. I could not sleep at night and the nervous weakness and general debility from which I suffered intensified my misery. My attention was called to Milburn's Heart and Nerve Pills and I started to use them. They have made a wonderful change in my condition, my appetite has been restored and I am now refreshing sleep. My heart troubles have all disappeared and I consider the results in my case most gratifying."

Milburn's Heart and Nerve Pills are sold by all druggists at 50c. a box or 3 boxes for \$1.25. T. Milburn & Co., Toronto, Ont.

LAXA-LIVER PILLS clear all poisons and impurities from the system in Nature's easy manner without any griping, weakening or sickening effects. Price 25c.

No one has been able to prove that Bacon was Shakespeare's peer.

DOAN CURES A MANITOBA MAN.

Mr. Alexander Fraser, Miami, Man., writes: "I cannot refrain from recommending Doan's Kidney Pills to any person troubled with kidney disorder, for I believe if they could cure me they could cure any case."

Realization is never a luxury to the man who did not expect.

SORES HEALED.

Sores and ulcers of the worst kind are readily healed by Burdock Blood Purifier. Take it internally and apply it externally according to directions and see how quickly a cure will be made.

Only the fear of endless torment causes some sinners to repent.

MARTYR TO HEART TROUBLE.

Mrs. Selma E. Carr, Amherst, N. S., says: "At times I suffered intensely from palpitation and fluttering of my heart. I was weak and my nerves shattered. Milburn's Heart and Nerve Pills have regulated my heart, toned my nerves and built up my health."

A man's unreliability very often exceeds his assets.

GRAND REMEDY FOR COUGHS.

"I have used Hagar's Pectoral Balsam and found it a grand remedy for coughs and colds, and highly recommend it." O. M. Doherty, Camilla, Ont.

It is safer to learn from an enemy than it is to instruct a friend.

WHEN BEAUTY FADES.

In response to repeated inquiries from ladies with whom Dr. Chase's Ointment has become so popular for skin diseases, asking if face powders are injurious and can be used while using the ointment, we state that while the majority of face powders are injurious we can recommend the recipe given in our book on page 45, which will be sent to any address on receipt of 5c. in stamps. Dr. Chase's Ointment is the ladies' friend for all skin diseases. Address Dr. A. W. Chase Co., Toronto.

It is useless for a man to seek a steady job if he isn't that way himself.

A Narrow Escape.

Thankful words written by Mrs. Ada E. Hart, of Guelph, Ont., read: "I had a bad chill which settled on my lungs; cough set in and finally terminated in Consumption. Four Doctors were up, saying I could live but a short time. I gave myself up to my Saviour, determined if I could not stay with my friends on earth, I would meet my absent ones above. My husband was advised to get Dr. King's New Discovery for Consumption, Coughs and Colds. I gave it a trial, took it all eight bottles. It has cured me, and thank God, I am saved and now a well and healthy woman." Sold by all druggists. 50c. and \$1. Guaranteed or price refunded.

Turn some men loose in a brewery and trouble would very soon begin to brew.

ASTHMA GASPS.

The wheezing and strangling of those who are victims of Asthma are promptly relieved by a few drops of Dr. Chase's Syrup of Linseed and Turpentine.

It is easy enough for a man to figure out a plan whereby he may obtain wealth, but—

MILBURN'S Sterling Headache Powders are easy to take, harmless in action and sure to cure any headache in from 5 to 30 minutes.

Minard's Liniment the best Hair Restorer.

Nature's laws are disregarded by the jobholder who occupies two places at once.

ALL HEADACHES

GUARANTEED CURED BY DR. MILBURN'S STERLING HEADACHE POWDERS. 25c. each and 50c. each of all druggists.

HOW MICA IS OBTAINED.

Getting Out This Valuable Mineral Is the

Work of Mica Miners. The mica trade is controlled practically by three or four large concerns in New York, Chicago and Boston. These houses have an agent who buys for cash whatever mica is brought by the miners. They control the market and fix the prices to be paid to the miner as well as the price for which it is sold in the markets.

Mica, as most hardly to be said, is a very valuable, almost precious mineral, as those who are obliged to buy a small strip for their stove doors will testify. A package worth hundreds of dollars can be carried in a basket along over the arm or in a pair of saddlebags on horseback. When prepared for the market the solid block as taken from the mine is split into sheets. Its thickness is to squares or rectangles of almost every possible size, from 2 by 3 inches up to 8 by 10 inches, and sometimes even larger. There are no less than 125 regular sizes of mica in stock by dealers.

The mining of mica is the poetry of mining. It is impossible to conceive of a more exciting and fascinating employment. The mica miner works in a dark, lying between rocks of different formations, has been found. The cap rock has been blasted away. Little "niggerheads"—small lumps of crumbling mica mixed with slate and other rock—are growing plentiful. The rock is carefully examined by the experienced miner, and all indications that mica will soon be found. A blast is made. The rock and debris are cleared away, and there in the bottom is a block of the precious stuff, a ragged corner showing itself black and glittering in the white quartz in which it is imbedded.

With the tips of the fingers the miner gently and affectionately brushes away the dirt and small stones which partly cover it. Its thickness is carefully noted, its position in the rock is learnedly discussed, and many a speculation indulged in as to its size and quality. The hole is quickly drilled, the small blast is made, just loosening the rock, and all eagerly crowd around as one of the men with his pick pulls away the broken stone. There it lies, a black, glittering mass almost ten inches across its face, 3 or 4 inches thick and irregular in shape, as all blocks of mica are. A good sized block, if solid and of a perfect shape will be worth several dollars.

The excitement is not allayed, however, and will not be until the block is split open and we know how it looks on the inside. It is a tiny red thing that opens a block at the mine and contrary to all rules, for there is danger that the fine polished faces will be scratched.—*Godey's Magazine.*

Why.

There is something almost plaintive in the truly English word "why." It may be indefinitely prolonged upon the lips. "Why" is almost poetical in itself and fitly introduces the best hexameter in the language.

"Why do the heathen rage and the people imagine a vain thing?" Its use in poetry are almost infinite and one modern writer makes almost a line of it alone:

Why do the night winds sigh,
The sea birds wildly cry,
The lilies droop and die,
The light fade from the sky?

Why—why?

To most of the whys there is not a good because. The inquiring mind is puzzled to account for many things besides its own existence. Hence such questions occur to us at every step, and no satisfactory reply can be expected. Life is too short. Socrates was always saying "Why," and we have all heard of the man who called Pope the "little crooked thing that asked questions."—*Exchange.*

Patent Medicine Almanac.

There are a half dozen patent medicine firms in St. Louis, each of which sends out 2,000,000 almanacs each year. At least 20,000,000 almanacs, made in St. Louis, are spread broadcast over the country each year. The almanacs for a certain year are shipped out in the fall of the previous year. The average cost for making and delivering them is from 15 to 25 and \$10 per thousand. As every large patent medicine establishment now has its own printing department, the cost of making almanacs is reduced to a minimum.

The astronomical portions of the almanac, including the weather predictions, signs of the zodiac, changes of the moon, and so on, are prepared by some astronomer. A certain astronomer in Massachusetts has made a specialty of doing this work for patent medicine firms for years. He charges \$50 for preparing the astronomical letterpress for one year's almanac.—*Chautauquan.*

Caged Life Wild Beasts.

After the Chinese war in the forties Lord Loch had, while attached to the British embassy there, the misfortune to be captured by a band of infuriated and ignorant Chinese. They were savage at the time they had suffered and were weary from their brutal acts of revenge on the hated English. They took Henry Loch, as he then was, and his companion and put them both into narrow cages just like wild beasts in a show, and they carried them up and down the country, exhibiting them to the enraged Chinese, who jeered them, mocked them and threw stones at them in every possible way. Happily for the two unfortunate, British soldiers were not long in coming to the rescue when the news became known, and they, quite contrary to their own expectations, thus managed to escape an awful fate.—*London Globe.*

An Experiment.

Mr. Billis (calling down the stairs)—Maria, have the children gone to school?
Mrs. Billis—Yes.
"This is the girl's day out, isn't it?"
"Yes, she's out."

"This is not the minister's day to call, is it?"

"No."

"Any of the neighbors likely to drop in during the next hour or so?"

"I think not."

"You're alone, are you?"

"Yes, what else?"

"Then put some cotton in your ears, Maria. I am going to shave myself with that new razor you gave me the other day."—*London Tit-Bits.*

A Shock.

"I don't see what you're griv'ing so about," said Pudding Pete. "Tain't no disgrace to have de dyspepsia."

"I don't know about dat," answered Maudering Mike. "Dat medical student said it come from overworkin' me stomach."

Encouragement.

Jack—I am afraid that if I ask you to be my wife you will treat my proposal as a joke.

Molly—But all jobs are not rejected.

Jack—Brooklyn Life.

LONDON WOMEN

Have Words of Praise for DOAN'S KIDNEY PILLS.

No wonder the praises of Doan's Kidney Pills are on the lips of nearly every woman in London. The terrible backaches, side-aches and headaches which are so common among women quickly disappear when these conquerors of kidney ills are used. Women are recognizing more and more that the root of these troubles is in the kidneys—that Doan's Kidney Pills banish all the pains and aches by making the kidneys filter out the poisons from the system.

Here are two London ladies who want to say something for Doan and his pills. One is Mrs. Jane Reding, 435 Gray St. She says: "I highly recommend Doan's Kidney Pills. I have had a weak and painful back for a long time, and until I took this reliable kidney medicine, was unable to secure relief. They acted like magic, removing all my troubles and restoring me to health."

The other is Mrs. Taylor, 755 York Street, and she says: "For years I have been afflicted with kidney troubles, and now am pleased to say that Doan's Kidney Pills cured me, removing the pain from my back, and restoring my kidneys to natural action."

Doan's Kidney Pills are sold by all druggists at 50c. a box, or 3 boxes for \$1.25.

The Doan Kidney Pill Co., Toronto, Ont.

The woman who takes in all a man tells her, often does it merely for the purpose of taking him in.

The pain that sometimes strikes a man at the most inopportune moment is due to indigestion. It may come in the midst of a dinner and make the feast a misery. It is a reminder that he may not eat what he chooses, nor when he chooses. He is a slave to the weakness of his stomach. A man's health and strength depend upon what he gets out of his food. This depends on his digestion. Remove the obstruction taking Dr. Pierce's Pleasant Pellets. They are a positive cure for constipation and its attendant ills—headaches, sour stomach, flatulence, dizziness, biliousness and "heartburn." The "Pellets" are very gentle in their action. They simply assist nature. They cause no pain, nor griping.

Send 31 one-cent stamps to cover cost of mailing only, and receive free a copy of Dr. Pierce's Medical Adviser. Address, World's Dispensary Medical Association, Buffalo, N. Y.

Learn to say "No." It's better than "Nit."

CUCUMBERS, MELONS, BEWARE!

You may have an attack of Cramps and Diarrhoea after eating them. Just keep on hand a bottle of Dr. Fowler's Extract of Wild Strawberry and you're safe. It cures Cramps, Colic, Diarrhoea, Dysentery and all bowel complaints.

All the world's a prize ring, and all the men and women merely scrappers.

WORMS cannot exist either in children or adults when DR. LOW'S WORM SYRUP is used. 25c. All dealers.

As the twig is bent the limb is inclined to go broke later.

FOR internal or external use HAGYARD'S YELLOW OIL cannot be excelled as a palliative and soothing remedy for all pains.

A dude often turns feminine head—but in the wrong direction.

LIVER TROUBLES, biliousness, salivary complexion, yellow eyes, jaundice, etc., yield to the curative powers of LAXA-LIVER PILLS. They are sure to cure.

Every man knows how a wife should be managed, but few are able to do it.

HAD READ ABOUT IT.

"I had a distressing pain in my side and was so troubled with severe headaches. My blood was out of order and my constitution was generally run down. Reading what Hood's Sarsaparilla had done I began taking it and after using two bottles I was cured." May Flannigan, Manning Avenue, Toronto, Ontario.

HOOD'S PILLS cure nausea, sick headache, biliousness, indigestion. Price 25 cents.

When a man once thoroughly understands the law and order of a what corner he invariably stays out.

C. C. Richards & Co.

Dear Sirs,—I have great faith in MINARD'S LINIMENT, as last year I cured a horse of Ring-bone, with five bottles.

It blistered the horse but in a month there was no ring-bone and no lameness. Daniel Murchison, Four Falls, N. B.

A man of irregular habits will find one of Milburn's Sterling Headache Powders taken in the morning clear his head, steady his nerves and put him in shape for his day's work. Price 10c. and 25c.

Time is caught by the tail more frequently than by the forelock.

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Children Cry for

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OVEN is VENTILATED and CEMENTED on TOP and BOTTOM—this ensures EVEN COOKING, while a THERMOMETER in door SHOWS EXACT HEAT—NO GUESSING as to how year BAKING or ROASTING WILL TURN OUT. Every housewife knows what an advantage this is.

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