

AGE-OLD BUILDING MATERIAL

"Pise," in Use for Many Centuries, Is Merely a Simple Form of Concrete.

What is pise? The word, which in its complete form is written pise de terre, betrays a French origin and, from its general appearance, might well suggest some affinity with the world of art. These preliminary impressions, however, will be found misleading. There is nothing peculiarly French in pise dwellings, though they are common enough in some parts of France, and reference to them abounds in French literature of the eighteenth century.

The word itself, traced to its Latin origin, apparently means nothing more artistic than "battered." Perhaps the simplest definition of pise is provided by Pliny the Elder, who calls it "earth battered between boards," meaning by boards a form such as may be used for concrete in construction work.

The Roman sage adds that it was an old and well-tried system of building and remarks that Hannibal used this material for watch towers on the tops of hills in Spain during his campaign.

Who knows whether it was not also in use when Cheops built his Great Pyramid; for there are prehistoric pise buildings in New Mexico and Arizona which, some say, date back almost to that period?

Certainly history cannot trace the system to its origin, and the pise dwellings now visible in France, Spain, America, the British colonies, and elsewhere may give no complete indication of the extent to which this material was employed in other centuries. —Exchange.

INDIAN'S TRIBUTE TO MOTHER

Red-Skinned Fighter in World War Proves Worthy Descendant of Race of Chiefs.

Wounded-With-Many-Arrows is an Indian living in South Dakota.

According to an Indian custom, the first thing an Indian mother sees or says after her child is born may be chosen as the infant's name. The night of his birth, in April, 1891, the mother saw a warrior who had been wounded by many arrows; hence the name given to the new-born child.

Entering the world war in the armies of the great white father at Washington, the first thought of this copper-skinned descendant of a race of chiefs was of his mother, whom he named as the beneficiary in his \$10,000 government war risk insurance policy.

The mother's name is Susan-Loves-the-War and she lives at Wakpola, S. D. She was proud that her son was among the first to respond to the call of the United States for soldiers to fight for their country; she was glad when he came back, unharmed, full of wonderful stories of the adventure through which he had passed. And she realized that he had, by allotment of pay and by his insurance policy, demonstrated that all he had was hers, as everything he was he owed to her.

Wounded-With-Many-Arrows might be called Indian-Good-to-His-Mother.

Big Money for Perfect Potatoes.

The perfect potato, which resists blight and other "spud" diseases, has been developed, according to Samuel Ryder, head of a well-known English seed firm.

He refused to give the name of the hybridist, but said he paid him \$12,000 for seed potatoes which wouldn't fill a peck measure.

"We have bought up all the hybridized seed of this expert," said Ryder. "The average potato yield in 1918 was four tons per acre in England. With the new seed, six pounds per root, or 33 tons per acre, can be produced. The full results of the perfect potato may not be reaped for two or three years."

New Matrimonial Idea.

Connecticut has a married couple living apart in two towns, the bride, who has advanced ideas, in one town, and the bridegroom, who has a good job and a big salary, in another. They decided to live in separate establishments and to visit each other over week-ends or run away together, as one of them explains it, for several days whenever the mood seizes them. They have rented a third apartment in New York city, which they will share "in their play time." The bride retains her maiden name and title of Miss. It is her idea that man and wife should not live in the same house, and so get a surfeit of each other. —Boston Globe.

Many O'Briens.

A soldier named John J. O'Brien, writing to the war risk bureau about his insurance, failed to give his serial number or policy number, but said the papers would be easy to identify as his wife's name was Mary A. O'Brien. A search through the bureau files disclosed the names of 175 John J. O'Briens, and each of an even 50 of them had a wife named Mary A. O'Brien.

May Use Concrete Coffins.

The corporation of the town of Middlesborough, England, is considering the use of concrete coffins in local burial grounds as being lighter and cheaper than those made of wood.

His Class.

"Here's some health expert says we don't need sugar."
"He must be one of those guys who are always taking the sweetness out of life."

DOING THINGS BY WHOLESALE

Easy to See Many Advantages in New Methods Rapidly Being Brought to Perfection.

Heretofore we have bought medical service at retail. Now Glasgow is trying out a plan to sell medical service wholesale.

What Glasgow is striving to do is this: Divide the city in districts and provide free dispensaries and free doctors to all who need medical attention.

It is claimed that such a scheme will reduce the death rate, because many poor people now skip their families in the matter of health precautions.

And the doctors like it, also. They work fewer hours and a standard pay is guaranteed.

Withal, the Glasgow plan of wholesale doctoring is said to be cheaper than our old-fashioned retail method, "Girard" writes in the Philadelphia Press.

American cities have made half a step toward such doctoring of the people in wholesale lots.

We have boards of health and health bureaus. They administer in a general way and they administer in wholesale doses.

An order goes out and it goes for all the people. It is economical and wise, as every one knows, during such an epidemic as the "flu" was last year.

Doctoring by wholesale saved millions of lives in that one calamity.

Uncle Sam did the insuring of his own soldiers by wholesale in the last war.

Public schools supply education in wholesale quantities.

Our spiritual wants are supplied in a fashion wholesale through the churches.

So wholesale doctoring is only another day's march in the general direction of a socialistic empire.

MAKES NEW USE OF ECHOES

Inventor's Idea May Do Away With the Old Practice Known as "Heaving the Lead."

An inventor in Oakland, Cal., has found a new and practical use for echoes, and as a result the time may come when the practice of "heaving the lead" at sea will be known only in historical novels and old maritime history. The marimeter, as the new device is called, sends a sound from the keel of the ship to the bottom of the sea; the sound comes back as an echo, and the journey, automatically recorded on a diaphragm, is translated into terms of length. The report shows the depth of water between keel and bottom, calculated from the known speed of the sound-wave in salt water, and the knowledge may be acquired at the rate of four soundings a minute, which is very much faster than by the older methods. The marimeter, to be sure, has only recently gone to sea, if indeed the steamer Governor, which will carry the first of them, has yet left dry dock in Seattle, Wash. But the instrument promises to add materially to the security of ocean traffic.

Science and Soap Bubbles.

Sir James Dewar, the English professor of chemistry, who has made soap bubbles which he kept intact for more than a year, says that when a soap bubble becomes very old, say in three or four days, it offers the only possible example of the molecule visible to the naked eye. In the soap bubble ordinarily there are about 100 layers of molecules, but scientific treatment has produced black spots in which there is only a single layer, so thin that Sir James estimates that it would take one and one-third million like it superimposed to make an inch.

Insures Crusoe's Musket.

The musket said to have been given to Alexander Selkirk when he was put ashore on the Island of Juan Fernandez, 400 miles off the Chilean coast, has been going the rounds of British museums.

It was Selkirk's adventures upon which was based De Foe's famous story, "Robinson Crusoe." The musket is inscribed with the name of "A. Selkirk Largo, 1771." It was purchased by Randolph Berens for \$625, but the owner has insured it for \$10,000.

Selkirk owned a tavern near Clapham, England, but died in 1723 at sea as a lieutenant aboard a naval vessel.

Mennonites Make Trouble.

The Mennonites in Canada are fighting the compulsory school law, insisting on sending their children to their own parochial schools. As a result, a little schoolm'am has sat at her desk in a schoolroom in central Saskatchewan daily since September 1, waiting in vain for pupils to come to occupy the empty benches.

Put Over.

"The gentleman disclaims any knowledge of a huge slush fund spent in his behalf."

"And you will observe he does so without rancor."

"Quite so. I also observe that the gentleman was elected, which may explain the absence of rancor."

Salt in Holland.

Holland has begun to produce salt from wells drilled experimentally in two provinces and may be able to obtain enough for all of its needs.

New Metal Ladle Invented.

For workers with melted metals a ladle has been invented that pours from the bottom, leaving the dross and impurities behind.

Helped Father and Son

"Ziron Did Us Both Good," Writes Mr. Gentry, of Norene, Tenn.

It is a well-known medical fact, that iron is a necessary constituent of the blood, and that blood lacking iron is the cause of many troubles that only iron will cure.

Ziron, a scientific compound of iron with other valuable ingredients, is the remedy to take when your blood needs more iron, and your system requires a tonic. Ziron is mild and harmless, does not stain the teeth, and is good for children as well as adults.

Mr. P. G. Gentry, of Norene, Tenn.,

writes: "Ziron Iron Tonic has made good in my family. I have used it to a very great advantage to myself and my 14-year-old boy. It did us both good. I think it is a good medicine for what it is recommended."

If you are pale, weak, tired, feel down and out, take Ziron. It will put iron into your blood, and should help build you up.

Get a bottle from your druggist today, and give ZIRON a fair trial. Sold by him under a money-back guarantee.

Ask him about it. He will tell you.

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Absolute dependability during rush of harvest season, plus service without delays or breakdowns makes Moline Grain Binders popular with every farmer who uses one. For over 50 years, Moline Grain Binders have been giving such service in all parts of the world.

Owners tell us without reservation or condition that Moline Grain Binders are positively dependable—that they are exceptionally light in draft, and that they do good clean work in all sorts and conditions of grain.

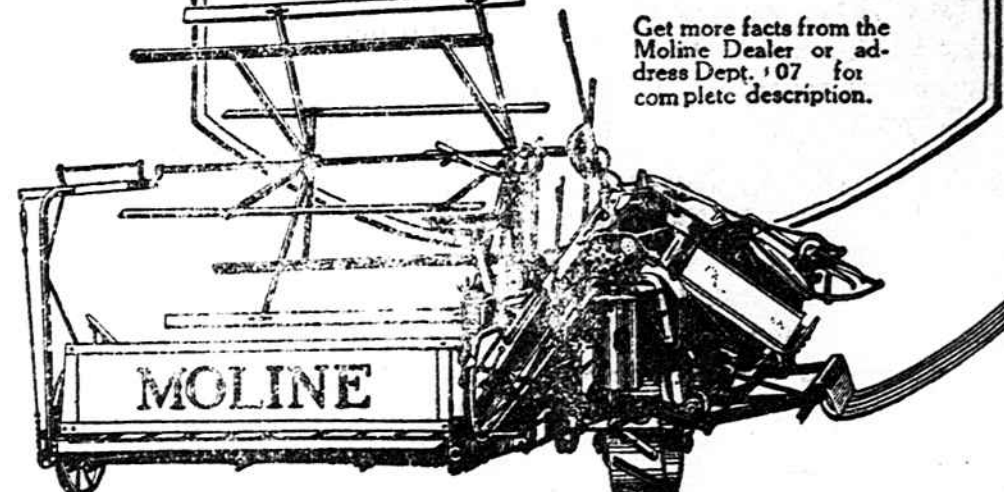
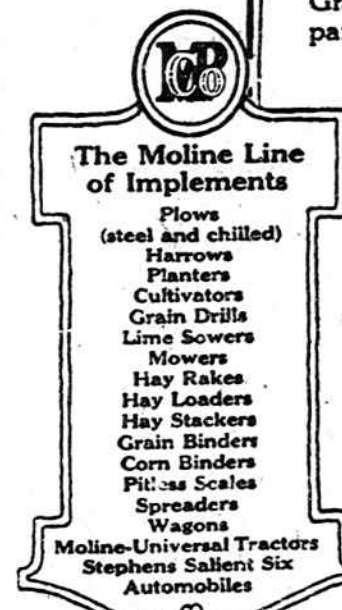
Moline Grain Binders give every owner the same dependable service.

There are sound reasons why they do—Cutting apparatus is the heaviest and strongest made. Heavy guards do not bend or break when striking obstructions in a close cut.

All working parts are direct driven, the work is equally divided, no over strain on any part. The knottor has few parts, is simple and easy to adjust—a sure tyer.

Triangular driving arm on binder attachment takes place of troublesome, power-wasting, complicated gears, shafts and sprockets. Single lever controls the reel in all operations. Main frame made of two pieces instead of four. These are just a few of the many superior features of the Moline Grain Binder.

The more you expect from a binder the better a Moline Grain Binder will satisfy you. Ask any owner.



Get more facts from the Moline Dealer or address Dept. 107 for complete description.

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