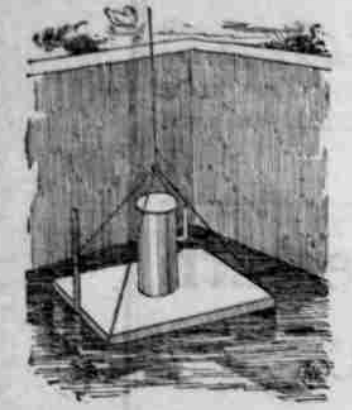


A NATURAL INCUBATOR.

California Farmer Utilizes Hot Spring to Hatch Eggs.

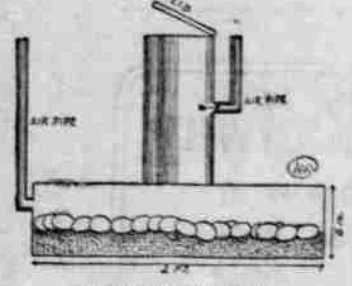
An ingenious rancher in the neighborhood of Mecca, Cal., has made use of a flowing well on his desert homestead which has an unvarying temperature of 102 degrees F. As he was in the poultry business in a small way, he decided to test the incubating possibilities of his well by suspending a bucket in it with a setting of eggs, fifteen in number. Every day he would



INCUBATOR IN WELL.

turn the eggs over to equalize the temperature, and on the twenty-first day his patience was rewarded when he heard the sound of little chicks peeping in the bucket and found that all the eggs had hatched.

A galvanized iron incubator was especially built for this purpose, and the accompanying diagram shows its design. It is two feet long, eighteen inches wide and six inches high, fitted



DETAILS OF INCUBATOR.

with two air pipes and a chimney-like ventilator with a cover twelve inches high.

A little sand was put in the bottom of the incubator before placing the eggs in it, and then it was simply set in the cement box built around the well so that it was two-thirds submerged, allowing the warm water to circulate about it.

Although later attempts did not make the perfect score of the first test, ninety-six out of a hundred hatched.

The Hedgehog Poison Proof.

The curious immunity of the hedgehog to snake poison has often been the subject of scientific investigation. And some recent experiments show that it is also comparatively immune to the toxins of diphtheria and tetanus. The question therefore arises, Does the hedgehog possess separate antitoxins for all these various poisons? Such a number of separate antitoxins existing at the same time in the blood of one animal seems highly improbable. That they should be formed in order on the advent of the corresponding toxin is still more unlikely. A more probable suggestion is the existence in the blood of the hedgehog of one powerful antitoxin which is able to neutralize a number of different poisons. The hedgehog is apparently more resistant than most animals to cyanic poisons, but not to others.

Mammoth Cave in Austria.

A description of the new mammoth cave in Europe has been published by Hermann Boch, recently discovered near Obertraun, in Austria. The cave is situated under the Dachstein, a mountain in Upper Austria 9,800 feet high. The entrance is at an elevation of about 4,500 feet. Among the characteristic features of the cave is a natural tunnel, at the bottom of which is a river bed six feet deep, formed by an early stream. This tunnel leads to a precipice. Still another feature is a gallery 150 feet high, which leads to a series of stalactite caverns. Like many another cave throughout the world, the Austrian cavern has its dome, 340 feet high, with a conical heap of debris 250 feet high in the center. From this central dome radiate a maze of other domes and galleries, many of which end precipitately in dark abysses.

A Walking Wharf.

There was recently exhibited in the Engineering society's building in New York a model of a section of construction wharf which is capable of propelling itself above the surface of the water by means of movable "spuds" or legs. The walking wharf has been successfully used in Great Britain, notably at Peterhead, Scotland, where the wharf moved itself out over the bed of the harbor to an exposed position, where drilling operations were carried out from its deck, and 10,000 cubic yards of granite was successfully blasted at a depth of twenty-four feet below high water.

Momentum of a Big Ship.

From experiments conducted in France with a 2,700-ton vessel it has been calculated that a modern cruiser of 20,000 tons displacement running at a speed of 10 knots if its engines were stopped would, after continuing to run for fifty-two minutes with decreasing speed, still retain a speed of a knot and would then have traveled five kilometers (3.1 miles).

Call For County Warrants.

All registered general fund warrants and all road warrants up to and including No. 43 are now payable. Interest will stop from the date of this notice. Prineville, Oregon, March 16, 1911. RALPH L. JORDAN, County Treasurer.

Prineville Steam Laundry.

Have your clothes washed at the Prineville Steam Laundry. Special attention given to travelers. Laundry is located in the McCallister building, near the depot. J. A. BROWN, Prop'r.

FARMING IN ARABIA.

Primitive Agricultural Tools Used in Tilling the Soil.

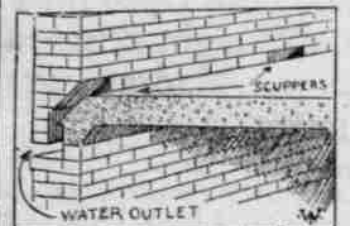
For many centuries the Yemen has been famed throughout Arabia for its products of the soil. Though agriculture is the chief industry of the country, it has never been improved, and the system of land cultivation today is the same as it was a thousand years ago. Practically the tools of the Yemen farmer are but four in number—the plow, the thrashing flail, a pick with a short handle, and a long curved steel point very strong and sharp, and the broad bladed powerful knife which every Arab carries in his belt.

The plow is drawn by one or two bullocks, sometimes by a bullock and a woman. It has a single handle of wood and a wooden beam, but the share is of iron, about a foot in length and sharp. It does not turn the soil under, but cuts a very good furrow four or five inches deep, and the American plowboy can run a straighter furrow or break up the surface of the soil better than the Yemen farmer can with this simple implement. The flail is the usual long and short cudgel fastened together with leather thongs, but the Yemen farmer grasps the short cudgel in his hands and flays out his grain with the long one. Everything done on an American farm with hoes, rakes, harrows, etc., is done in the Yemen field with the long-pronged pick, and it is a most effective though simple farming tool. The knife is used to cut the standing grain; hands do the work of shovels and baskets the work of barrows.—Consular Report.

SCUPPERS IN WALLS.

Device to Permit Escape of Water From Flooded Floors.

In case of a fire in a factory there is generally more damage done to the contents by water than by the fire. Especially is this true on concrete floors. Scupper openings should be made in walls carrying such floors to allow a free outlet for the surplus



SCUPPERS TO DRAIN FLOORS.

water to run away on the outside of the wall. This is necessary to protect the contents of the rooms below.

The illustration herewith shows the section of a brick wall and concrete floor through one of the scupper openings. The openings are formed with wood wedges, which are removed after the concrete has set. The rise at the end of the concrete prevents the cold air entering the building in the winter.—Popular Mechanics.

Paril in Sour Milk.

The sour milk "paril," following the publication of Professor Metchnikoff's researches, is said by medical men to be the greatest which has been known in modern medical history. At the same time it is declared to be suited to only a particular class of cases, and it is therefore coming into condemnation by the medical faculty. The condemnation seems to be based on the fact that few persons have shown any improvement under the use of sour milk. It is admitted that sour milk is nourishing, but not so much so as ordinary milk, because some of the sugar has been removed by its conversion into lactic acid. One case is cited of a woman who had used sour milk for two days and then was found suffering from indigestion of starch in the intestines. The effect of taking sour milk was to increase the splitting up of the starch with the formation of organic acids; hence the irritation.

Cobras and Music.

Barnard concludes from his personal observation of cobras in Ceylon that the serpent's traditional love for music is a pure fable and that the only effect of music is to arouse the reptile's curiosity, which is excited by any loud and acute sound. The cobra protrudes its head from its burrow alike on hearing the snake charmer's flute, the rattling of a chain or the sounds made by beating the ground with a switch. It appears to perceive only sounds of high pitch, for it pays no attention to the low notes of the flute or the beating of a drum. Barnard also confirmed in Ceylon the results of observations made in the London zoological garden on the supposed power of fascination exerted by serpents upon birds, and he concludes that this power of fascination is also purely imaginary.

Violin Rosin For Musicians.

Dissolve the ordinary impure rosin in a glass retort with gentle heat in alcohol, allowing all the impurities to settle. The clear rosin solution decanted is poured into rainwater, stirring it with a little stick, and the deposit of rosin of the consistency of cheese collected on a linen cloth and pressed out. The rosin is melted at a moderate heat, one-twentieth of wax being added, and poured into little boxes for use.

A Quick Drying Ink.

A patent has been taken out by A. Heuter for a quick drying ink. An addition is made to the ink of a neutral, volatile substance such as alcohol or a similar material, in the proportion of one part to five of the ink.

STOPPING A TRAIN.

When Mr. Morgan Flagged a Freight to Oblige Bishop Potter.

Bishop Potter was spending a Sunday afternoon with Mr. Morgan at the latter's country place at Highland Falls. The village of Highland Falls is a way station on the West Shore road, a few miles below West Point, and the fast trains pass it by without a stop on their first long jump away from New York. This is not a matter of much concern to the financier, who always goes back and forth on his yacht, but on this occasion it troubled the bishop. He was loath to travel on Sunday, but he had an important engagement to keep in the city that night, and he remarked that he would have to take a local train, which left a little while before supper.

"Oh, no," said Morgan; "there's a train after that one. Of course you'll stay to supper."

"I don't see any train," objected the bishop, "and I really must get to town in time to conduct an evening service."

"There's an express," replied his host, disposing of the matter. "I'll have it stopped for you."

An hour or so later, in the thick darkness of an autumn evening, Mr. Morgan took the bishop in his carriage down the steep road to the railroad station. No lights shone from the building. The coachman got out and tried the door and rattled it. Then he came back and reported that the agent had gone home for the night.

The sound of an approaching train was heard faintly, but growing louder.

"Break in the door," ordered Morgan impatiently. "Get a big stone and smash it." He and his visitor got out of the carriage and looked on. Finally the door gave way. Morgan went inside and after scratching a number of matches found a lantern and lit it. "All right, bishop," he called cheerfully; "come ahead." And he walked out to the middle of the track and waved the light.

With a horrid screeching and squeaking the train stopped. It was a freight, a very long freight. Out of the cab leaned the surprised engineer, and from the caboose somewhere in the faraway darkness the conductor came running up, very angry.

"What do you mean by stopping this train?" he demanded fiercely.

Mr. Morgan, still holding the lantern, told him who he was.

"I don't care a whoop in blazes who you are (the conductor's language here becomes unprintable). You've got no business—why," he choked, "there's an express train following us. You'll have a collision." But Mr. Morgan paid no more attention to him or his remarks.

"All right, bishop," he was saying gently. "You get right in the caboose and ride to New York."

Which the bishop did.—Metropolitan Magazine.

The Wrong Trunk.

Mr. H., buyer for a big department store, recently left for his maiden trip to the old world, where his mission was to collect some of the choicest foreign perfumes. After spending several days in a flutter of anticipation and preparation he bought a large steamer trunk in the trunk section of the store he worked for. The trunk was sent to his home.

About the time he began packing the telephone bell rang.

"Hello!" said Mr. H.

"Say, this is Bill, in the trunk department," came back over the wire. "Tell me, did you take a berth on the starboard or port side of the steamer?"

"Left hand side, Bill," send that trunk back. I made a mistake. I sent you a trunk for the starboard side."—Boston American.

History of Music.

The origin of music is lost in antiquity. Among civilized peoples it is probably to be traced to the ancient Egyptians, who employed the art in their religious rites. From the Egyptians the Greeks and Romans derived their knowledge of music. The ancient Hebrews probably took with them to Palestine some of the songs they had learned in Egypt. The hymns used in the temple were the basis of the Christian melodies, and from these melodies was formulated the first authoritative musical system.—New York American.

Bricks and Mortar.

Two Irishmen were arguing who was the cleverer.

"Well," said Pat, "I'll bet you can't tell me what keeps bricks together."

"Shure," said Mike; "it's mortar."

"No," said Pat; "you are wrong. That keeps them apart."—Irish Life and Humor.

Ladies' and Gents Furnishings.

Staple and Fancy Groceries

THE LEADER
GENERAL MERCHANDISE

¶ We are showing some of the latest styles in ladies' up-to-date spring footwear. Sizes to fit everyone. Come in and try on a pair.

Don't Forget Your Garden

¶ We have a complete line of garden seeds to pick from. D. M. Ferry; Mandolville & King; Chas. Lilley seeds. Best for the West. Alfalfa seed, 25c per pound.

¶ Ladies' white waists in the latest spring effects.

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New Hardware and Furniture Store

Will Open April 1st.

NOTICE TO THE PUBLIC:

I have just received a general line of New and Second Hand Furniture, also a general line of Hardware. I have bought right and will sell at right prices.

Newcomers and Old Timers

Can save money by looking over my stock. No trouble to show goods.

John Morris, Prop'r.

Ladies' Spring Suits.

Ladies' Spring Suits



"The La Vogue Garment"

¶ The correct styles in which the "La Vogue Garment" is made will please you. The high quality, good workmanship, splendid fit, MAKE the garment give satisfactory service in the wear.

¶ The best friends of "The La Vogue Garment" are the women who have worn it. And because they have worn it, they continue to do so.

¶ We do not FEATURE the fabrics, the linings, the tailoring, or any other one point, but by giving each of these points the same conscientious attention, select a garment which is the garment to sell our customers with best satisfaction to them and most consistent, steady, year-after-year profits to us.

New up-to-date Spring Suits now here.

¶ A visit to our store is sure to benefit you, whether you buy anything or not.

Clifton & Cornett

AT THE OLD BRICK STORE.

Dissolution of Partnership.

Notice is hereby given that the partnership heretofore existing between Guy Lafollette and R. E. Gray, as publishers of the Crook County Journal, is this day dissolved by mutual consent, Guy Lafollette retiring. R. E. Gray will continue the business, collect all bills and pay all firm debts. Dated this 17th day of March, 1911. GUY LAFOLETTE, R. E. GRAY.

Spring and Summer Samples.

The new Spring and Summer Fashion Book of Chas. A. Stevens & Bros, just received. The latest in Women's and Misses' made to order garments. A complete line of beautiful samples. Mrs. J. J. Surratt, agent. 3-24L. Prineville, Oregon.

For Sale.

One grade Clydesdale Stallion, coming 4 years old, weighs 1700 pounds. Call on or write S. E. Proce, Prineville, Oregon. 3-23-11.

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160 acres; 10 acres plowed; A1 home land. If interested drop a line to Postoffice Box 304, Prineville, Oregon. 3-23-11.

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For sale. Write call or phone J. E. Adamson, Prineville, Oregon. 3-23-11.

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Some Extra Good Milch Cows for Sale. Call on phone or write, H. E. Rideout, Proprietor

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"RECEPTION"

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Champ Smith's old stand.

Imported and Domestic

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For Sale.

Cream Separator, 750 lbs. an hour, wind mill top and Sulley Plow.

For particulars see John Mattson, Prineville, Oregon. 2-16-11.