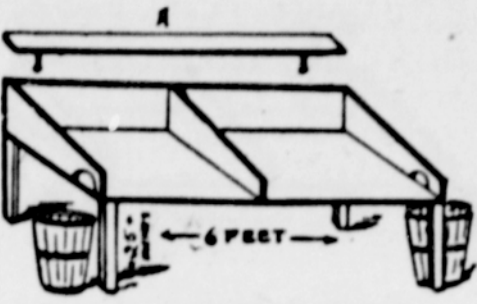
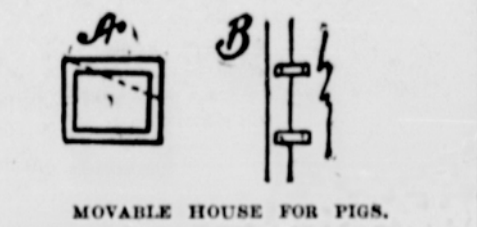
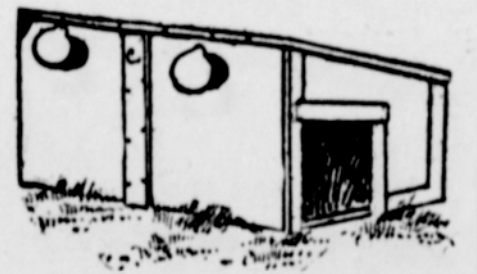


Potato Cutting Table.
When one has a large area to plant to potatoes the work of cutting the seed tubers in the ordinary way is not inconsiderable. One who is handy can readily make the seed cutter here described and save considerable time in preparing the seed for planting. Build a table about three feet deep and six feet wide, setting on it legs so it will stand about twenty-five inches from the floor, just high enough so the average man can get his knees under it comfortably when sitting down. Have a back to the table a foot high, with sides cut so that at the front end they



will be not more than six inches high. A similar board is run down the center, thus making a table at which two can work. In the side pieces, about three inches from the end that is open, the front end, cut a hole eight inches long. A basket is set under this hole, on the floor, and the cut tubers are passed through the hole into the basket. This is done so that by a movement of the hand the cut pieces may be dropped into the basket, rather than have the cutter reach over or around to drop the pieces, which would be necessary if the baskets were behind him or at the sides. Tall baskets are used generally, although the ordinary peach basket will answer the purpose. A shelf is placed at the top of the cutting bench at the back, on which knives and any other tools needed in the work may be kept. The idea is plainly shown in the illustration. — Indianapolis News.

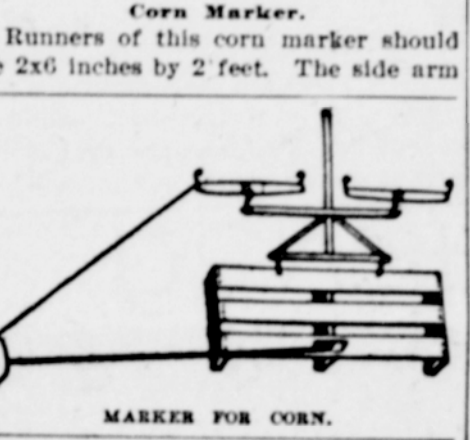
Colony House for Pigs.
Small houses built after the following description may be readily moved to any desired location on the farm. The house is very inexpensively constructed, consisting of two large dry goods boxes; the ends of the boxes are removed, the tops cut off on a slant and the edges of the ends are fastened together with small cleats of wood or straps of iron; these latter are better from the point of strength. A clear of hard wood covers the rough ends of the boards of the floor six inches wide. All nails are clinched on the inside and all cracks between boards are bat-



med. The door is cut in the end and oles, eight inches in diameter are cut in the upper front for ventilation. Small covers of wood may be fastened with screws so that they can be closed over the openings when the weather is very cold or stormy.
There are many different kinds of weeds, and some of them start off early in the spring, almost before the frost leaves the ground. It is the early weeds that give the farmer the most trouble. If the land was plowed last fall, cross-plow it the coming spring, and then harrow or cultivate it as often as can be done until time to put in the seed. Every time the land is cultivated more weeds will germinate to be killed, and the more weeds that can be destroyed before the regular crop start the fewer there will be to combat later on.

Start the Pigs Right.
The man who starts off his pigs on the corn ration about as soon as he can after they are weaned is laying in a store of trouble for himself later. There is a trouble known to swine raisers as contracted stomach, which results from an improper ration. The animal is apparently "off its feed," but the fact is, the ration has been so poorly balanced that the stomach has not grown with the growth of the rest of the body. If the young pigs are to be allowed a range they will do more or less rooting, eating of soil and sod; as this is their nature, it will not hurt them, but if they are placed where one does not wish the sod uprooted, then the animals must be ringed. If middlings and oilmeal are introduced with the corn ration there will be considerably less trouble. Some of the stock foods on the market have their greatest value to the swine raiser who does not feed a balanced ration and if these stock foods can be obtained practically free from drugs or condiments, they are very valuable in such cases.

What Lime Does for Land.
Farmers often say that they do not need to use lime, because they use large quantities of it in fertilizer. Ground bone and other forms of phosphate contain lime. We cannot obtain phosphoric acid in ordinary fertilizers without lime. Such farmers mistake the most necessary function of lime in the soil. Air-slaked lime has a chemical action which sweetens the soil, makes it more compact or sets free other forms of plant food. This is quite distinct from its power to provide actual food for the plants. The lime in the bone or phosphate may in time serve as plant food, but the air-slaked lime is needed for the more important service.



Corn Marker.
Runners of this corn marker should be 2x6 inches by 2 feet. The side arm is fastened to sled on a swivel, and is pulled along by attaching a rope to shoe and hooked to singletree as shown. This arm is made 1 1/2 x 1 1/2 inches and 10 1/2 feet long, for rows 3 1/2 feet apart. Of course this arm is reversible.

Good Word for Guineas.
The Guinea fowl may yet become a very profitable branch of farm poultry raising. The scarcity of certain kinds of game which resemble in flavor the Guinea, especially the Western prairie chicken and grouse, has led to a substitution of young Guineas on hotel and restaurant bills of fare. Guineas of about the broiler age, weighing about one pound and a half are of an exceedingly fine, gamey flavor, and seem to satisfy the consumer. In this way the restaurants are able to dodge the game laws in certain States and serve "prairie chicken" on the bill of fare at all seasons. Gamehouses are paying high prices for young Guineas, and it would seem that large farms might be devoted to them profitably wherever turkeys and pheasants succeed.

Free Government Seeds.
The agricultural papers of the country have for years shown up the abuse of the annual congressional seed distribution. Last year the appropriation was 290,000, and over 50,000,000 packages of seed were distributed. The postage on these seeds if paid by individuals would cost about a half million dollars, and the labor, printing and other expenses would bring it up to over a million. The seeds usually are of poor quality and go for the most part to sections of the country where they are not acclimated, to curry political favors. It is an abuse that should immediately be discontinued.—Farm, Field and Fireside.

The hard experience of last year taught many of the Southern truck growers the old lesson of diversification, or in other words, not to put all their eggs into one basket. This year many of the farmers who staked all on one crop and failed last year, are now branching out a little more into fruit growing, etc., as well as the culture of vegetable crops. The indications are for a prosperous season for Southern truckmen, but it is always dangerous for a man of small capital to grow nothing at all but one line of produce.—American Cultivator.

THE KING OF BLOOD PURIFIERS

No other remedy has given such perfect satisfaction as a blood purifier and tonic or is so reliable in the cure of blood diseases of every character as S. S. S. It is known as "The King of Blood Purifiers," and the secret of its success and its right to this title is because "IT CURES DISEASE." It is an honest medicine, made entirely of purifying, healing roots, herbs and barks, which are acknowledged to be specifics for diseases arising from an impure or poisoned condition of the blood and possessing tonic properties that act gently and admirably in the up-building of a run-down, weakened or disordered condition of the system.

One of the greatest points in favor of S. S. S. is that it is the only blood remedy on the market which does not contain a mineral ingredient of some kind to derange or damage the system. It is the one medicine that can be taken with absolute safety by the youngest child or the oldest member of the family, and persons who have allowed their systems to get in such condition that most medicines are repulsive to the stomach will find that S. S. S., while thorough, is gentle and pleasant in its action, and has none of the nauseating effects of the different mineral mixtures and concoctions offered as blood purifiers.

As every part of the body is dependent on the blood for nourishment and strength, it is necessary that this vital fluid be kept free from germs and poisons. So long as it remains uncontaminated we are fortified against disease, and health is assured; but any impurity, humor or poison acts injuriously on the system and affects the general health. Pustular eruptions, pimples, rashes and the different skin affections show that the blood is in a feverish and diseased condition as a result of too much acid or the presence of some irritating humor. Sores and Ulcers are the result of morbid, unhealthy matter in the blood, and Rheumatism, Catarrh, Scrofula, Contagious Blood Poison etc., are all deep-seated blood disorders that continue to grow worse as long as the poison remains.

But all blood diseases are not acquired; some persons are born with an hereditary taint in the blood and we see this great affliction manifested in many ways. The skin has a waxy, pallid appearance, the eyes are often weak, glands of the neck enlarged, and as the taint has been in the blood since birth the entire health is usually affected.

In all blood troubles S. S. S. has proved itself a perfect remedy and has well earned the title of "KING OF BLOOD PURIFIERS." It goes down into the circulation and removes all poisons, humors, waste or foreign matter, and makes this stream of life pure and health-sustaining. Nothing reaches inherited blood troubles like S. S. S.; it removes every particle of the taint, purifies and strengthens the weak, deteriorated blood, and supplies it with the healthful properties it needs and establishes the foundation for good health. As a tonic this great medicine has no equal, and it will be found especially bracing to weak, anaemic persons.

Rheumatism, Catarrh, Sores and Ulcers, Skin Diseases, Scrofula, Contagious Blood Poison and all other blood troubles are cured permanently by S. S. S., and so thorough is the cleansing of the blood that no trace of the disease is left to break out in future years or to be transmitted to offspring. If you are in need of a blood purifier get "THE KING" of them all, S. S. S.—and good results are assured. Book on the blood and any medical advice desired furnished without charge to all who write.

S.S.S. PURELY VEGETABLE

THE SWIFT SPECIFIC COMPANY, ATLANTA, GA.



Gentlemen:—S. S. S. is used as a family medicine in our home. I myself have taken and always found it what it is claimed to be. It thoroughly cleanses the system of impurities, increases the appetite, improves the digestion, and builds up the general health. I have given it to my children with fine results. It promptly restores the appetite and clears the skin of all eruptions. It is a very fine blood tonic and has my hearty endorsement.
124 S. 9th St., Lebanon, Pa. P. H. THOMPSON.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and is guaranteed to give perfect results. Ask dealer, or we will send post paid at 10c a package. Write for free booklet how to dye, bleach and mix colors. MONROE DRUG CO., Unionville, Missouri.

Hint.
We show the duke about New York. "This," we explain, "is Wall street." His grace yawns. "Er—where is Brad street, donty-know?" he asks. The ladies of the party are much agitated; it is the first hint our distinguished guest has let fall.—Puck.

FITS St. Vitus' Dance and all Nervous Diseases permanently cured by Dr. King's Great Nerve Restorer. Send for FREE 62 trial bottle and treatise. Dr. R. H. King, Ltd., 931 Arch St., Phila., Pa.

Simple Life.
Aunt Mary—The idea of you marrying young Wiggins! Why, he can't raise enough money to buy a square meal.
Pretty Niece—Oh, that doesn't matter; we are going to visit among our relations.

Mothers will find M-r. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Had No Kick Coming.
"I suppose," said the young widow, coyly, "that you have been unfortunate in your love affairs."
"On the contrary," rejoined the middle-aged bachelor, "I have been exceedingly fortunate. I never fell in love with a woman who would have me."

AILING WOMEN.

Keep the Kidneys Well and the Kidneys Will Keep You Well.

Sick, suffering, languid women are learning the true cause of bad backs and how to cure them. Mrs. W. G. Davis, of Groesbeck, Texas, says: "Back-aches hurt me so I could hardly stand. Spells of dizziness and sick headache were frequent and the action of the kidneys was irregular. Soon after I began taking Doan's Kidney Pills I passed several gravel stones. I got well and the trouble has not returned. My back is good and strong and my general health better." Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Of Course.
"Foodelle, you mustn't forget to attend the official meeting this afternoon."
"What's it for?"
"We are going to double the capital stock of the company."
"To double it? Great Scott! Where is the money to come from?"
"From the public, of course. Where did you suppose?"

CASTORIA
For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of *Wm. D. Fitch*

Parental Solitude.
"Maria, who is that young chap that's coming to see Bessie?"
"His name is Hankinson. He seems to be all right."
"Do you consider him a safe young man?"
"Bessie does. She says he's in good circumstances and has been operated on for appendicitis."

GASOLINE ENGINES 3 to 4 horsepower fully warranted, \$125. All sizes and styles at lowest prices. Write for catalog.
REIERSON MACHINERY COMPANY
Portland, Oregon.

Dr. C. Gee Wo
WONDERFUL HOME TREATMENT
This wonderful Chinese Doctor is called great because he cures people without operation that are given up to die. He cures with those wonderful Chinese herbs, roots, buds, barks and vegetables that are entirely unknown to medical science in this country. Through the use of those harmless remedies, this famous doctor knows the action of over 500 different remedies which he successfully uses in different diseases. He guarantees to cure catarrh, asthma, lung, throat, rheumatism, nervousness, stomach, liver, kidneys, etc.; has hundreds of testimonials. Charges moderate. Call and see him. Patients out of the city write for blank and circular. Send stamp. CONSULTATION FREE.
Address THE C. GEE WO CHINESE MEDICINE CO
162 1/2 First St., S. E. Cor. Morrison
Mention paper. PORTLAND, OREGON.

Around the World
"I have used your Fish Brand Slickers for years in the Hawaiian Islands and found them the only article that suited. I am now in this country (Africa) and think a great deal of your coats."
(NAME ON APPLICATION)

HIGHEST AWARD WORLD'S FAIR, 1904.
The world-wide reputation of Tower's Waterproof Oiled Clothing assures the buyer of the positive worth of all garments bearing this Sign of the Fish.
TOWER'S FISH BRAND
A. J. TOWER CO., Boston, U. S. A.
TOWER CANADIAN CO., LIMITED, Toronto, Canada.

CLASSIFIED ADVERTISING

Portland Trade Directory
Names and Addresses in Portland of Representative Business Firms.
PHOTO SUPPLIES: Kodak developing and printing; write for prices. Woodard, Clarke & Co.
MAGIC LANTERNS—Weister Co., Portland. Lowest prices on Lanterns and Slides.
ELASTIC HOSIERY; Supporters, Braces; Knit to Fit; free measurement blanks; Woodard, Clarke.
HORSES of all kinds for sale at very reasonable prices. Inquire 273 Front St.
TRUSSES sent on approval; we guarantee fit in most difficult cases; Woodard, Clarke & Co.
ARTIFICIAL EYES; every shade and shape; assortment sent on approval; Woodard, Clarke & Co.
CREAM SEPARATORS—We guarantee the U. S. Separator to be the best. Write for free catalog. Hazelwood Co., Fifth and Oak.
MEN'S CLOTHING—Buffum & Pendleton, sole agents Alfred Benjamin & Co.'s correct clothes. Everything in men's furnishings. Morrison and Sixth streets. Opposite postoffice.
POULTRY FOOD—If you want your hens to lay more eggs write us for free particulars about PULINA POULTRY FEEDS—Acme Mills Co., Portland, Oregon.
PIANOS & ORGANS—Oldest piano house on Pacific coast. Organs and Pianos on easy payments. Write for list. Let us quote you a price. Allen & Gilbert-Ramaker Co., Portland, Oregon.
TELEGRAPHY TAUGHT FREE. Complete course and position secured when graduated. This offer good only for short time. Write for particulars. PACIFIC TELEGRAPH INSTITUTE Grand Theatre Building, Portland, Oregon.
P. N. U. No. 23-06
WHEN writing to advertisers please mention this paper.