

**Feel the Influence.**  
Cold and heat alike aggravate neuralgia, because the nerves feel the cold and heat sensitively, but nerves are sensitive to treatment and feel the influence of St. Jacobs Oil, which cures the ailment promptly.

Condensed eggs are prepared in Passau, Bavaria. First the eggs are dried, then reduced to a fine powder, which is placed in air-tight cans. Thus a most nutritious food is compressed into its smallest possible space.

## Sharp Pains

Darting from one point to another, stiff and swollen joints, inflammation, intense suffering, are characteristics of rheumatism. All these disagreeable symptoms are cured by Hood's Sarsaparilla which purifies the blood and neutralizes the acid which is the cause of rheumatism. Why should you continue to suffer when others are being relieved of all symptoms of rheumatism by

**Hood's Sarsaparilla**  
America's Greatest Medicine. Price, \$1.  
Hood's Pills cure all Liver Ills. 25 cents.

An unusual accident befell Mr. J. Thompson at Portland, Me. He jumped from a moving train and the shock caused a rupture of his windpipe, resulting in death.

**The Best Seeds Absolutely Necessary.**  
We cannot too strongly nor too often urge the supreme importance of planting seeds that are perfectly pure and fresh. Seeds that are offered at cheap prices are almost invariably of doubtful origin and uncertain age, sure to cause the planter disappointment and loss. The thoughtful planter's only surety lies in buying seeds sent out by a conscientious and trustworthy house. A vast number of American gardeners have (and had for years) the utmost confidence in seeds that bear the name, D. M. Ferry & Co., Detroit, Mich. The present generation of planters can hardly remember the time when Ferry's Seeds were not on sale everywhere each year and as regularly planted by thousands—with the greatest faith in the unrivaled quality of the seeds and in the integrity of the firm that grew them. Every planter, whether already a buyer of Ferry's Seeds or not, should send for Ferry's Seed Annual for 1909. It is mailed free to anyone who writes for it.

Sumatra kerosene is at present a formidable competitor in the Russian market. The supply seems to be unlimited.

No household is complete without a bottle of the famous Jesse Moore Whiskey. It is a pure and wholesome stimulant recommended by all physicians. Don't neglect this necessity.

How fast can a bee fly? A hive on the roof of a train was carried at the rate of 30 miles an hour before the bees were left behind.

**TRY ALLEN'S FOOT-EASE.**  
A powder to be shaken into the shoes. At this season your feet feel swollen, nervous and uncomfortable. If you have smarting feet or tight shoes, try Allen's Foot-Ease. It rests and comforts; makes walking easy. Cures swollen and sweating feet, blisters and callous spots. Relieves corns and bunions of all pain and is a certain cure for Chills, Sweating, damp or frosted feet. We have over thirty thousand testimonials. Try it today. Sold by all druggists and shoe stores for 25c. Trial package FREE. Address, Allen S. Olmsted, Lo Roy, N. Y.

"The only thing we can do now," says Dupuy de Lome, speaking for Spain, "is to repent and reform." Such things are quite possible, even to Spain, when she can't do anything else.

## A LIVING WITNESS.

**Mrs. Hoffman Describes How She Wrote to Mrs. Pinkham for Advice, and Is Now Well.**

DEAR MRS. PINKHAM:—Before using your Vegetable Compound I was a great sufferer. I have been sick for months, was troubled with severe pain in both sides of abdomen, sore feeling

in lower part of bowels, also suffered with dizziness, headache, and could not sleep. I wrote you a letter describing my case and asking your advice. You replied telling me just what to do. I followed your directions, and cannot praise your medicine enough for what it has done for me. Many thanks to you for your advice. Lydia E. Pinkham's Vegetable Compound has cured me, and I will recommend it to my friends.—Mrs. FLORENCE R. HOFFMAN, 512 Roland St., Canton, O.

The condition described by Mrs. Hoffman will appeal to many women, yet lots of sick women struggle on with their daily tasks disregarding the urgent warnings until overtaken by actual collapse.

The present Mrs. Pinkham's experience in treating female ills is unparalleled, for years she worked side by side with Mrs. Lydia E. Pinkham, and for sometimes past has had sole charge of the correspondence department of her great business, treating by letter as many as a hundred thousand ailing women during a single year.

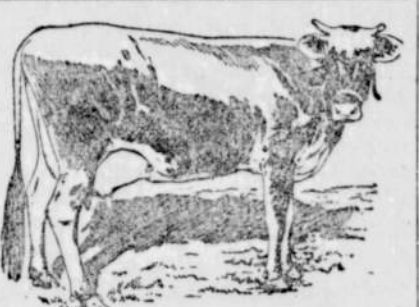
**FERRY'S SEEDS**  
were famous years ago—their name most to be relied on—no always the best. For sale by leading dealers everywhere. Five cents per paper and always worth it. Send no money—just your name. D. M. FERRY & CO., Detroit, Mich.

**PISO'S CURE FOR CONSUMPTION**  
Cures when all else fails. Beware of cheap imitations. Sold by druggists.

# AGRICULTURAL



**Jersey with a Good Record.**  
J. W. Hart of the Agricultural Experiment Station, Clemson College, S. C., writes to Hoard's Dairyman: Realizing that my little six-year-old 840-pound Jersey "Nitell" needed only an opportunity to make herself famous, I decided to give her a week's test under the rules of the American Jersey Cattle Club. In addition to good grazing, consisting of orchard grass, red clover, crimson clover and green oats, she ate, during the week's test, forty-three pounds of wheat bran, forty-six pounds of cornmeal and twenty-eight pounds of cotton seed meal, given on forty-four pounds of cotton seed hulls, the last



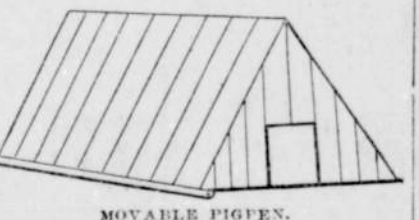
JERSEY COW "NITELL" 102722

being one of the best vehicles for transporting the finely ground meals to the cow's stomach that I know of. Her total yield of milk for the seven days was 322 1/2 pounds, from which was made 16 pounds 7 1/2 ounces of unsalted butter.

Considering the breed and the size of the cow, the milk yield was very large; and had she been milked thrice instead of twice daily, she would have made a considerably better showing, both in milk and butter.

**Pens for Raising Pigs.**  
It is not necessary to have costly pens in order to raise pigs. There are enough loose boards lying around every farm to make at least one or two good cheap places for the sows. A correspondent tells how to make them after the style of a chicken coop. They should be built on runners so they can be moved with a horse to any place you want them. If the ground is dry, no floors are needed, but if not dry floors will be better.

The door should be made in one end and placed to face the south in order to catch the sunshine. In cold weather a piece of old blanket or burlap should be hung over the door to keep out the



MOVABLE PIGPEN.

cold and snow. A small hole for ventilation should be cut in the opposite gable end from which the door is made.—Farm and Fireside.

**Well-Ripened Potatoes for Seed.**  
The fact that a potato is mealy when cooked shows that it is well ripened. Such a potato is much better for seed than the poor, watery potatoes that have not secured their proper amount of starch through destruction of their leaves. We are always suspicious of seed of a potato that in winter or spring appears watery and deficient in solid matter when cut into. It may have come from a hill that had not time before it was dug to ripen the crop of tubers beneath. But in nine cases out of ten it was eaten by potato bugs or its leaves blighted before the potatoes reached maturity. Such potatoes cannot make good seed.

**Green Food for Fowls.**  
Fowls in winter confined in hen-houses lack the variety of food which they get in summer while allowed a wide range. They require more condensed food than in summer, and grain should be their principal ration. But they will eat more or less green food also, and we never found a better way than to hang up a cabbage head by the roots, allowing the head to come near enough to the ground so that by jumping they can bite out a mouthful. The inferior heads of cabbage that would otherwise be thrown away can thus be put to good use.—Exchange.

**Coal Ashes for Fruit Trees.**  
That coal ashes are beneficial when spread on the surface of apple orchards in grass cannot be disputed. But they contain scarcely any mineral fertilizer, and are, of course, having passed through fire, destitute of any other. Undoubtedly they benefit by setting as a mulch, and where they cover grass causing it to die out and rot. In this way they supply considerable fertility and moisture indirectly. Wherever coal ashes have long lain under fruit trees there will be an abundance of tree roots just under the ashes where the grass has been killed.

**Cutting Fodder by Horse Power.**  
We are sorry for farmers, and especially for the farmers' sons, who are obliged to cut fodder for stock in winter by hand labor. It is a slow job and

involves muscular effort that might well be put to more necessary uses. If every farmer who reads this would get a horse power, or better still a small steam engine to do the various jobs that are now too often done by human muscle, there would be far less discontent with the farm on the part of the young, and the time thus saved could and would be put to better uses.—Exchange.

**Dried Cobs for Kindling.**  
After corn cobs have thoroughly dried it is quite common to use them for kindling fires. But the cob alone is a very poor substitute for wood for this purpose, as it does not make a bright blaze, and its proportion of potash is so large that the ashes will soon destroy what flame might otherwise come from it. But if these cobs are dipped in kerosene oil they will hold enough to burn several minutes, and by this time the wood above will be thoroughly aflame. This is really the only safe way to use kerosene for building fires. It should on no account be thrown on lighted wood from above. Even if there is no explosion, the wood will not be set afire so well as it will from below.

**Clay Soil for Pears.**  
The best pear orchards are grown on a heavy soil with clay as the subsoil. Into which the tap root of the pear will sink beneath all ordinary fluctuations of temperature in the air above. It is this even temperature that saves pear trees on clay soils to a great extent from the blight which is so frequent where the soil is sandy or gravelly. It is not, of course, an absolute preventive, but we have always noticed that the pear trees which lived longest and longest continued productive were grown on clay soils.

**A Tribute to the Mule.**  
While we are carrying on about the heroes of the war let us not forget the army mule. He may not be as kissable as Hobson, but we owe him just as much recognition. Gen. Shafter says he could not have supplied his army at all if it had not been for the mule, and Gen. Blanco knew what he was about when he rushed to the cable office and telegraphed to Madrid how the Americans had killed that mule at Matanzas.—Louisville Courier-Journal.

**Turnips Need Moist Climate.**  
The principal reason why turnips are not popular in this country, even among those English farmers who always used to grow them in England, is because our summers are almost always too hot and generally also too dry. In hot weather, if moist, worms breed in the turnips, unless they are gathered and sold while small as market gardeners do. If the weather turns dry for any long time, the turnip becomes pithy and worthless.

**Plow Easier.**  
As a rule, farmers when they went to plow get any farmer without measuring the length, and then their plow does not run steady, while their neighbor may have the same kind of plow and it runs all right. The difference is often in the double-tree. The right length is three times the width of the plow. For a 14-inch plow make a 42-inch evener. Hitch to center of plow and it will bring end of evener in center of furrow.—Practical Farmer.

**Clover for Hogs.**  
Bring your hogs to 200 pounds on clover, and it is then an easy matter to finish them off quickly on corn in the fall without the expense of feeding long through the cold weather. Feeding corn in order to keep up the animal heat, while putting on fat, does not pay. Although you may not have quite such heavy weights in the end as by other methods, there will be more money in the purse.—Indiana Farmer.

**To Exterminate a Pest.**  
In a portion of Hanover, Germany, a local decree requires each farmer to deliver to the authorities twelve sparrows or sparrow heads between Oct. 1 and Dec. 1, or pay a fine of 6 marks.

**Poultry Pointers.**  
Coal ashes are good for the poultry. Do not allow the males to remain in the flock.

A little oil meal will assist the moulting hens. Don't permit bad odors about the poultry house.

Borax is a good thing to sprinkle in the nest boxes. Waste tobacco stems are good vermin destroyers.

Leghorns ate less tame, usually, than most other breeds. Give the youngest chicks a chance to eat by themselves.

See that the eggs are clean before being sent to market. Don't build a fancy poultry house. Put it up plain, but warm.

Table scraps will start early pullets to laying. Nothing better. An earth floor in the poultry house is not only good, but the best.

Lay in a supply of grain and vegetables for the long winter months. If an old rooster is not fit for the table, kill him anyhow and bury him.

Never mind threshing the oats for the fowls they prefer to do it themselves. Hens lay better and the eggs keep longer if no males are allowed with them. A poultry house should be high enough for a person to stand in, and that is high enough.

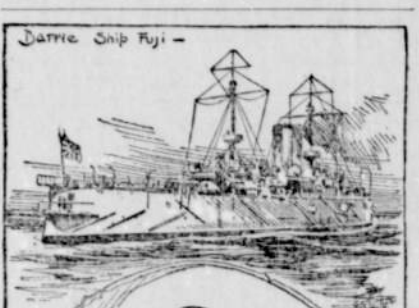
## JAPAN'S NEW WARSHIP.

Monster Fighting Machine Soon to Be Added to the Mikado's Navy.

In two years, at the outside, the strength of the Japanese navy will be represented by about 250,000 tons of displacement. Japan's largest and most formidable man-of-war is the Fuji, named after the highest mountain in Japan, having a tonnage of 12,649, which figures represent the exact height of the mountain in feet.

The Fuji was ordered from the Armstrong-Whitworth Company, England, with her sister ship, the Yashima, in June, 1894, two months before the outbreak of the China-Japanese war, and arrived at Yokohama, the central naval station of Japan, on Oct. 31, 1897. The Fuji is a first-class battle-ship, with a displacement of 12,649 tons and 13,687 horse-power, with a speed of eighteen and a quarter knots an hour. The dimensions are: Length, 406 feet 6 inches; breadth at the broadest part, 73 feet; main draught, 26.3 feet. Her armament consists of four twelve-inch Armstrong guns, ten six-inch Armstrong quick firers, twenty three-pound quick firers, four two and a half-pound quick firers and five torpedo tubes.

The Fuji is painted a white gray, the color of the Japanese warships. Her funnels are placed fore and aft, instead

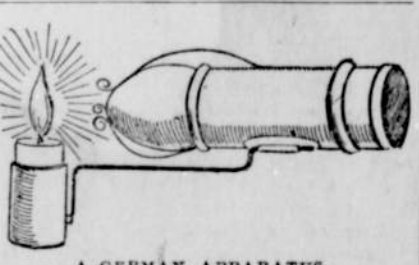


of abreast, and there is only one top for guns to each of the masts. These masts are fitted with an ammunition hoist, which runs inside. She has on board Captain Mura, Commander Salto and a crew of about 350 officers and bluejackets. She is the biggest war vessel ever possessed by Japan—indeed, the largest which ever passed through the Suez Canal. This monster represented the Japanese navy at the naval review at Spithead during the Queen's Jubilee.

## TESTING THE AGE OF EGGS.

An Apparatus Patented in Germany Will No Doubt Be Welcome.

Egg-candling is a very profitable business if the judgment of the operator can be relied upon by the dealer employing him. Mistakes are galling, because nowhere does good faith play such an important part as with egg dealers. At the best the examination with the naked eyes is difficult and doubtful, and therefore a new little apparatus patented in Germany quite recently will be very welcome. It consists of a tube for the inspection, with springs to hold the egg at one end and has a lens at the other. Looking



A GERMAN APPARATUS.

through the lens the good eggs will appear quite clear, the bad ones are darker and black ones are altogether unfit for use.

## New Use for Steel.

A new use has been found in steel by a Sheffield (England) firm, which is making a steel harness trace, consisting of a narrow ribbon of steel, from three-fourths to one inch wide, rolled very thin and cased in leather. A single trace of this kind, when tested at the Sheffield testing works, recorded a tensile breaking strain of 4,575 pounds, while an ordinary leather trace of the best quality, tested at the same time, broke at a strain of 2,700 pounds. In addition to being lighter and stronger than the ordinary trace, the steel article is about 20 per cent cheaper. The steel is necessarily of the very finest quality, and is so pliable that it can be twisted in any direction. This kind of steel is being used in bicycle tires. The ribbon cased in rubber is placed inside the ordinary tire, thus making punctures practically impossible, and it is claimed, increasing the speed of the cyclist.

## Island of Monte Cristo.

It will interest all readers of Dumas to know that the island of Monte Cristo, in the Mediterranean, is uninhabited and covered with woods that team with many sorts of game. For a time an Italian noble had a shooting box in it, but he seldom visited it, and now the Prince of Naples has leased it for a hunting ground and for a house in the wild and solitary surroundings that his Montenegrin wife craves.

Some men, when they become prosperous, become impatient.

## To Prevent Freezing.

Some interesting things have come to light in the history of the tunnel boring for the Jungfrau railway in Switzerland. Blasting gelatine was used in this work, which freezes at a temperature of about 40 degrees Fahrenheit. It is an exceedingly dangerous substance to handle, being unlike dynamite in this respect, and so the contractors engaged in this work are keeping their explosives in a sort of safe heated by electricity, so that the danger of the gelatine freezing is entirely obviated. In this connection is a proposition to extend this idea to the thawing out of dynamite by some electrical application, as dynamite is commonly frozen for safe handling.

## The World's Supply of Wheat.

An English expert claims that the wheat producing soil of the world is unequal to the strain that will be put upon it. Even now when the food supply is ample, thousands die because their disordered stomachs fail to digest the food they take. Hostetter's Stomach Bitters strengthen and tone up the stomach and digestive organs.

## Light From Sugar.

The flashes of bluish white light seen in the dark when pieces of sugar are rubbed together have been studied by Mr. John Burke, an English physicist. By rotating a loaf of sugar on a lathe against a hammer he has obtained almost continuous luminosity, enabling him to observe and photograph the spectrum. The light appears to be a result of some change in the crystals, and not due to heating or to chemical action between the sugar and air, as was supposed.

## Makes the Spot Vanish.

A slight rap may cause a bruise, or a slight blow a black one, sore and tender. But it is easy to cure a bruise by the use of St. Jacobs Oil, and make the spot vanish and the soreness heal.

Experiments with plant seeds subjected to extreme cold have shown that the power of germination is not destroyed but merely suspended by the cold.

**Schilling's Best**  
money-back tea and baking powder at **Your Grocer's**

A curious butterfly exists in India. The male has the left wing yellow and the right one red; the female has these colors reversed.

If you want the best wind mill, pumps, tanks, plows, wagons, bells of all sizes, boilers, engines, or general machinery, see or write JOHN POOLE, foot of Morrison street, Portland, Oregon.

Submarine volcanoes are constantly being discovered, and are at times, owing to their sudden appearance, a great danger to navigation.

When coming to San Francisco go to Brooklyn Hotel, 208-212 Bush street. American or European plan. Room and board \$1.00 to \$1.50 per day; rooms 50 cents to \$1.00 per day; single meals 25 cents. Free coach. Chas. Montgomery.

A swordfish weighing 2,070 pounds was lately brought to the market at Tientsin. It was 30 feet long, the sword alone weighing 40 pounds.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

## Concerning Excuses.

If you always tell the truth you will never have to fix up excuses.

**FITS** Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for FREE \$2.00 trial bottle and treatise. DR. R. H. KLINE, Ltd., 939 Arch Street, Philadelphia, Pa.

If there is no other way in which a woman can be complimented, tell her that she is a great problem.

Piso's Cure for Consumption has been a family medicine with us since 1865.—J. R. Madison, 2409 42d Ave., Chicago, Ill.

A man never knows how well posted his wife is on church affairs until she entertains her minister at supper.

## HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

E. J. CHENEY & CO., Props., Toledo, O. We the undersigned, have known F. J. Cheney for the past 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by him.

WEST & TRACY, Wholesale Druggists, Toledo, O. WALKING, KINMAN & MARVIN, Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly on the blood and mucous surfaces of the system. Price 75c per bottle. Sold by all druggists. Testimonials free. Hall's Family Pills are the best.

**IF YOU ARE RUPTURED**  
Don't neglect yourself! It is the perfect fitting truss applied in season which effects a cure; the imperfect never; 2,000 styles to select from enables us to guarantee a cure. Correspondence confidential and trusses sent secure from observation, to any address; money refunded if not satisfactory. C. H. Woodard & Co., Expert Truss Fitters, 108 Second St., Portland, Or.

## PERSONS WORTH KNOWING ABOUT

Captain Parker, proprietor of the Parker house, Astoria, was in the city last week, and reports himself cured of catarrh by Dr. Darrin seven years ago. He says the cure is permanent.

Ex-Sheriff A. T. Schoeps' wife, of 51 1/2 Third street, Portland, has been troubled with deafness for a long time. Her good genius prompted her to try Dr. Darrin's Electrical cure. She was cured. Her daughter, Nina, was cured by Dr. Darrin seven years ago of rheumatism, loss of appetite and general debility. J. A. Lindsley, news agent on the O. R. & N., residence Mt. Tabor, Or., is very enthusiastic over the cure of consumption, bronchitis and catarrh, performed by Dr. Darrin eight years ago. He gained 20 pounds, and has kept it ever since. Mr. Lindsley has great cause for rejoicing.

Mrs. P. Hayes' daughter, Twentieth street, Portland, is happy in the cure of a large goat (large neck), of years' standing. She was restored by Dr. Darrin's electrical treatment many years ago. Mrs. T. B. Hatfield's son, 214 Eleventh street, Portland, was cured six years ago by Dr. Darrin. His trouble was discharging ears and deafness. Dr. Darrin gives free examination to all and when necessary gives medicine in connection with electricity. The poor treated free from 10 to 11 daily, except medicines. Those willing to pay, 10 to 25; evening, 7 to 8, Sundays, 10 to 12. Deafness, catarrh, eye, nose and throat, heart, liver, stomach, lung troubles, errors of vision, blood taint, gleet, impotency, varicocele, hydrocele, and stricture a specialty. All chronic male and female and private diseases treated at reasonable rates. No cases published except by permission of the patient. All business relations with Dr. Darrin strictly confidential. Letters of inquiry answered. Circulars and question blanks sent free. Batteries and belts furnished when necessary. Patents when writing please mention this paper. Offices, 365 Morrison street, Portland.

A deposit of earth, strontian has been found on Put-in-Bay island in Lake Erie. It is many acres in extent. The nitrate of strontia is of pure white color.

Will Get Down to It. It is certainly true that as deeply imbedded as the sciatic nerve is, St. Jacobs Oil will get down to it and cure it. It is a proof of how penetrating and efficacious are its wonderful curative powers.

In a square inch of the human scalp the hairs number about 1,000.

"A Perfect Type of the Highest Order of Excellence in Manufacture."

**Walter Baker & Co's**  
**Breakfast Cocoa**  
Absolutely Pure, Delicious, Nutritious.  
Costs Less Than ONE CENT A CUP.  
Be sure that you get the Genuine Article, made at DORCHESTER, MASS. by **WALTER BAKER & CO. Ltd.**  
ESTABLISHED 1780.

**YOUR LIVER** Is it Wrong? Get it Right. Keep it Right. Moore's Revealed Remedy will do it. Three doses will make you feel better. Get it from your druggist or any wholesaler drug store, or from Stewart & Holmes Drug Co., Seattle.

**BUY THE GENUINE SYRUP OF FIGS**  
... MANUFACTURED BY ... CALIFORNIA FIG SYRUP CO. ... NOTE THE NAME.

**BASEBALL, FOOTBALL, ATHLETIC AND GYMNASIUM SUPPLIES.**  
Send for Catalogue.

**WILL & FINCK CO.** 820 Market St. San Francisco.

**TEETH WITHOUT PLATES**  
Roots Crowned, Bridges Made. Painless filling and extraction.  
Dr. T. H. White, 271 1/2 Morrison, Portland, Or.

**WILLAMET IRON WORKS**  
MANUFACTURERS OF **ENGINES, BOILERS**  
Saw Mill and Mining Machinery.  
Dealers in Flour Mill and Grain Cleaning Machinery and Supplies. Repairing Promptly Attended to.  
WORK THE BEST. PRICES THE LOWEST. ....PORTLAND, OR.

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CURE YOURSELF! Use Big 4 for unsuited discharges, inflammation, irritation of mucous membranes, Prolapse, and not astriction or pessaries. Sold by Druggists, or sent in plain wrapper, by express, prepaid, for \$1.00, or 3 bottles, \$2.75. Circular sent on request.  
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