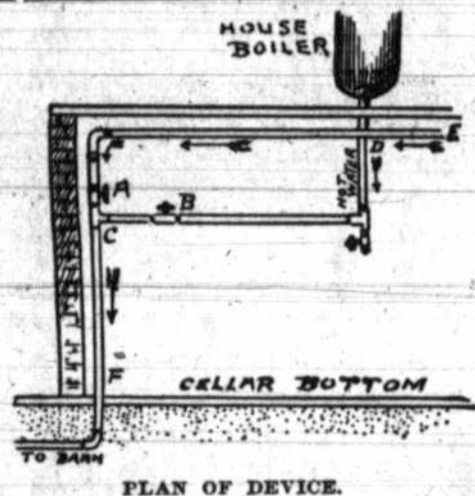




Water-Heating Device.
The subjoined diagram, taken from Orange Judd Farmer, illustrated how easily water can be warmed in a small way where both house and barn are furnished with running water and moderate plumbing arrangements. The pipe marked E F, running through the house cellar, furnishes water to the house and barn. By means of two short pipes, C D, the pipe from the hot water boiler in the house is connected with the pipe E F, which, as before stated, supplies the barn with cold water.

Then all that is necessary to fill the barn tub with warm water is to open the valve B and shut valve A, thus letting the warm water from the house boiler into the pipe which goes to the barn and shutting off the flow of cold.



PLAN OF DEVICE.

This clever little scheme has worked successfully on an up-to-date farm in Amherst, Mass., and has furnished warm water to four cows and two or three horses for several winters. The only objection is that the good housewife sometimes objects to having her supply of hot water exhausted two or three times a day.

King of Angoras.
America has developed an Angora buck of the highest quality, which is a great victory for those who claim that we can breed as good stock as can be found in Turkey or South Africa. Lazarus was bred by D. C. Taylor of Lake Valley, N. M., and was the champion at the recent Kansas City show. He was sold at auction to Col. C. S. Rich-



LAZARUS.

ardson of Dubuque, Iowa, for \$700, the record price for an American bred Angora.

Tips for Creameries.
Milk cans should be washed and sterilized with steam at the factory, and some other receptacle should be used to return the skim milk or whey to the farm. If the cans are used for this purpose they should by all means be emptied as soon as they reach the farm, thoroughly washed and scalded and placed on a rock in an inverted position with the covers off.

Dairy markets should be developed by selling products of known standards put up in such forms that the consumer will get the original package and know its grade or quality.—Illinois Bulletin No. 83.

Dairy Education.
A. W. Trow, the prominent farmer, creamery man and agricultural writer, of Glenville, Minn., has recently been made a member of the educational staff of the dairy and food department in his State. His work will be very largely of an educational nature and among the farmers and dairymen. The \$30,000 annual appropriation recently voted by the Legislature, together with the improved and amended dairy laws just secured, give Minnesota splendid facilities for aiding in the most effective way her great dairy and creamery interests.

Rights of Sheep Owners.
On the trial of an action brought by Agnes Smith against George Wetherill in the Onondaga County, New York, court, to recover damages for the alleged unlawful killing by the defendant of her dog, the evidence showed that the animal was shot on premises adjoining those owned by Wetherill, after he had been chasing sheep. The defendant asserted that he was justified in shooting the dog under a statute which provided that any person may kill any dog which he shall see chasing, worrying or wounding any sheep. The trial justice charged the jury, as a matter of law, that the statute was not a defense, because the dog was not chasing or worrying or wounding any sheep at the time he was shot. The fourth appellate division, on an appeal for a verdict against Wetherill, has decided that the charge was erroneous. "At common law," said Justice Nash, for the court, "a dog might be killed in defense of or when necessary for the protection or preservation of property. The statute goes further. It provides for the killing of a dog that wrongfully chases, worries or wounds sheep. If it does these things, it must be killed."—American Cultivator.

A Good Whitewash.
Two kinds of ordinary whitewash may be used to advantage, prepared in the following manner: For inside work, to a bucketful of ready linewash add one pint of soft-boiled rice and a quarter of a pound of white glue, dissolved thoroughly and mixed through the mess. For outside substitute in place of rice and glue (to each pall of whitewash) a pound of common rock salt, dissolved in boiling water. Thus mixed and applied upon a bright, sunny day, the whitening will remain permanent in color and will not rub off readily, while the application to the interior will destroy the lice that may be secreted in the rough wall and crevices of the inside of the poultry house and stables, if the wash be generously distributed.

A Desirable Door Lock.
Large barn doors are often fastened to a perpendicular bar, one end of which enters a mortise in a beam or block overhead and the other a mortise in the floor. The strength of a man is usually required to take out the bar, or put it up. The illustration shows a more convenient way to manage the crossbar. A round iron bolt holds the bar to the middle rail of the door, allowing it to turn freely either way. Two long galls, one in the floor and one in the beam overhead, receive the ends of the bar when the door is closed. In place of a gain in the beam, a strip of scantling may be nailed firmly to the under side of the beam. The upper end of the crossbar, when set erect, comes on the inside of the strip.—D. H. Shepard in Farm and Home.

Relieving a Puffing Horse.
Most farmers are familiar with the horse who puffs and wheezes at its work. The disease is technically known as "roaring," and is said to be similar to asthma in humans. There is really no cure for it, but the trouble may be greatly alleviated by treatment and especially by proper feeding. If the disease is not so deeply seated that the animal cannot do farm work then the work given it should be light and the feed should consist of little hay and this wet each time. Feed mainly on grains. Take one dram of iodide of potassium and mix with one-half dram nux vomica. Give this dose twice a day for two or three weeks during each bad attack and during the period let the work of the horse be that which does not require much speed. The care and treatment indicated will relieve the animal greatly, although it is doubtful if it will ever amount to much for steady work.—Indianapolis News.

In Fly Time.
A gallon of kerosene, a quart of fish oil and an ounce of carbolic acid is one of the cheapest and best home-made mixtures for keeping flies from cattle. It should be applied every morning after milking, using a good-sized hand sprayer, paying special attention to the head, shoulders and fore legs. Spraying for flies is absolutely necessary to keep up the full flow of milk in hot weather.

London has some houses, built of timber, which it is claimed are as good as when erected over 200 years ago.

JUSTICE M'CARTRY GETS SUBSTANTIAL RECOGNITION

It is announced in London that Premier Balfour has placed the name of Justin McCarthy on the government's civil list for \$1,000 per annum, in recognition of his meritorious services to history and literature.

Justin McCarthy is one of the foremost living men of letters. His reputation as statesman, historian, journalist, novelist and orator is world-wide. He was born in Cork, Ireland, in 1830. He early mastered the classics, and at



JUSTIN M'CARTRY, M. P.

18 was forced to earn his own bread. For several years he served as reporter and stenographer on Liverpool and Cork papers until 1860, when he became political editor of the London Star, then owned by John Bright. Later he visited America, lecturing and writing for the magazines. Mr. McCarthy's greatest speech was made in defense of Parnell during the great leader's fight against the London Times. His greatest literary achievement is "The History of Our Own Times."

AMERICAN BELLE WEDS A JAP.

Daughter of South Takes as Husband a Relative of the Mikado.

Another international marital union which occasioned a good deal of interest in the South was effected recently in the marriage of Yutaka Minakuchi, of Japan, and Miss Olive Buckner, of Cave Ridge, Ky. Mr. Minakuchi is a graduate of Kentucky University, Lexington, and was recently ordained a minister of the gospel. He is highly



connected in Japanese social circles, being related to the royal family and having relatives in the diplomatic service. His bride is a member of one of the oldest families in Kentucky and is a member of the Christian Church. The marriage is of more than ordinary interest because of the paucity of such unions between Americans and Japanese. Miss Buckner was the belle of Bourbon County and was popular in Lexington society.

A HUMORIST'S CHURCH.

"Bob" Burdette Enters a New Field in California.

Robert J. Burdette, the well-known humorist, who has started a new church in Los Angeles, is one of the most familiar characters of the country on the lecture platform and is particularly well known and liked for his funny sketches. He possesses such strong personal magnetism that his inspiring presence may be felt far distant. He is most kindly and sympathetic and invariably speaks in low, musical tones. Mr. Burdette received a common school education in Peoria, Ill. After leaving the Forty-seventh Illinois Infantry at the close of the war he engaged in mercantile pursuits. In 1870 he entered the newspaper field and has been an untrifling writer and lecturer ever since.

The After Cost of War.

A glance at the summary of a report recently issued by Pension Commissioner Ware will at once dismiss the charge that "republics are ungrateful," at least in so far as this government is concerned. This summary shows the following aggregates of money disbursed as pensions to men who have served in the American army and navy:

Revolutionary war (estimated)	\$ 70,000,000
War of 1812	45,000,000
Indian wars, 1832-1842	5,800,000
War with Mexico	31,800,000
War of the rebellion	2,744,000,000
War with Spain	3,275,000
—Knoxville, Tenn., Sentinel.	

Not Such a Fool as He Looks.
"Did you tell your father that I loved you for yourself alone?"
"Yes; and he said you must be smarter than you looked if you could be like that."—Tit-Bits.



Miss Alice Bailey, of Atlanta, Ga., tells how she was permanently cured of inflammation of the ovaries, escaped surgeon's knife, by taking Lydia E. Pinkham's Vegetable Compound.

"I had suffered for three years with terrible pains at the time of menstruation, and did not know what the trouble was until the doctor pronounced it inflammation of the ovaries, and proposed an operation. I felt so weak and sick that I felt sure that I could not survive the ordeal. The following week I read an advertisement in the paper of Lydia E. Pinkham's Vegetable Compound in such an emergency, and so I decided to try it. Great was my joy to find that I actually improved after taking two bottles, and in the end I was cured by it. I had gained eighteen pounds and was in excellent health."—Miss ALICE BAILEY, 50 North Boulevard, Atlanta, Ga.—\$5000 forfeit if original of above letter proving genuineness cannot be produced.

The symptoms of inflammation and disease of the ovaries are a dull throbbing pain, accompanied by a sense of tenderness and heat low down in the side, with occasional shooting pains. The region of pain sometimes shows some swelling.

What England's Navy Costs.
The navy which gives England the supremacy of the seas costs \$155,000,000 a year, or a little more than the United States pays in pensions.

FITS Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for Free \$2 trial bottle and treatise. Dr. R. H. Kline, Ltd., 281 Arch St., Philadelphia, Pa.

Both to Blame.
John—You are always busy when I come in!
Charles—Well, you always come in when I'm busy.

For forty year's Piso's Cure for Consumption has cured coughs and colds. At druggists. Price 25 cents.

The Making of Him.
"It's ridiculous," remarked the tailor, "to say 'clothes don't make the man.'"
"Think so?"
"Sure," replied the tailor; "why, they've made me."

You Can Get Allen's Foot-Ease FREE.
Write Allen S. Olmsted, Le Roy, N. Y., for a free sample of Allen's Foot-Ease. It cures sweating, hot swollen, aching feet. It makes new or tight shoes easy. A certain cure for corns, ingrowing nails and bunions. All druggists sell it. 25c. Don't accept any substitute.

Another R.
"Well, talking about names, said the oyster, "I like May better than Mary."
"You do?" replied the plain lobster.
"Of course. Now, if it was the month of Mary it would shorten my vacation fearfully."

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children the teething season.

Lost His Identity.
"So you want to get married?"
"Yes, sah—I'm resigned ter it."
"Ever been married before?"
"Two or three times sah."
"Don't you know for certain?"
"No, sah; after de third one got me I never knowed who I wuz, or how I come here."—Atlanta Constitution.

Relerson Machine Co.
SUCCESSORS TO JOHN POOLE.
Foot of Morrison St., Portland, Oregon.
Parsons Hawkeys, Automatic, Self Feeding, Faultless Stump Puller, 100 horsepower with two horses. Buckeye Sawmill Machinery, Engines and Boilers. Eli and Stickney Gasoline Engines. Write us when in want of anything in machinery line.

NOTHING SO GOOD FOR CHICKENS AS THE PRUSSIAN POULTRY FOOD!
Makes Hens Lay and Keeps them laying. Cures Cholera, Roup and all Diseases. It Strengthens Young Chicks and Helps Them Grow.
WOULDN'T BE WITHOUT IT.—Chas. Lack, Rosalia, Wash., says he wouldn't be without Prussian Poultry Food.
PRODUCES EGGS.—As an egg producer Prussian Poultry Food has no equal. R. H. Payne, Painesville, Ohio.
25 and 50c Pkg. Prussian Poultry Food, FREE. PRUSSIAN REMEDY CO., St. Paul, Minn.
FORTLAND SEED CO., Fortland, Oregon, (Sole Agents.)

Southwick Hay Press
The Southwick has the largest capacity, is fastest and easiest worker of any Hay Press made. Send for catalogue. Mailed free.
MITCHELL, LEWIS & STAYER CO., Portland, Oregon.

PISO'S CURE FOR CONSUMPTION
CURE WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

PORTLAND ACADEMY
AN ENGLISH AND CLASSICAL SCHOOL FOR BOYS AND GIRLS
Fits both for Eastern colleges. Primary and Grammar grades included. A hall for girls, with the appointments and supervision of a careful home. Location in one of the most beautiful regions of the Pacific coast. Climate mild and healthful. For catalogue address:
PORTLAND ACADEMY, PORTLAND, OREGON.

St. Helen's Hall
Home and day school for girls. Ideal location. Spacious building. Modern equipment. Academic, College Preparation and special courses. Music, Elocution, Art, in charge of specialists. Illustrated catalogue. All departments open September 14, 1908.
ELEANOR TEBBETTS, Principal.

THE Keeley Cure
ALCOHOL, OPIUM, TOBACCO USING.
WRITE FOR ILLUSTRATED CATALOGUE
First and Montgomery Sts., Portland, Ore.
Telephone, Main 394.

\$25 PER DAY
Can be made with an AUSTIN Well Machine.
Made in all sizes and styles for oil or water any depth.
BEALL & CO.
Gen. Agts.
313 Commercial Block
PORTLAND OREGON

BAD BLOOD
"CASCARETS do all claimed for them and are a truly wonderful medicine. I have often wished for a medicine pleasant to take and at last have found it in Cascarets. Since taking them, my blood has been purified and my complexion has improved wonderfully and I feel much better in every way."
MRS. SALLIE E. SELLARS, Latrell, Tenn.

CANDY CATHARTIC
Cascarets
TRADE MARK REGISTERED
REGULATE THE LIVER
Pleasant, Palatable, Potent, Taste Good. Do Good. Never Sicken, Weaken or Grip. 10c, 25c, 50c.
CURE CONSTIPATION.
Selling Ready Company, Chicago, Montreal, New York, 229
NO-TO-BAC Sold and guaranteed by all druggists to CURE Tobacco Habit.

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, 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 blanks and circulars. Send stamp. CONSULTATION FREE. ADDRESS:
The C. Gee Wo Chinese Medicine Co.
253 Alder St., Portland, Oregon.
25 Mentoque paper.

WHEN writing to advertisers please mention this paper.