

## DOCTOR ADVOCATED OPERATION--- PE-RU-NA MADE KNIFE UNNECESSARY.

CATARRH is a very frequent cause of that class of diseases popularly known as female weakness.

Catarrh of the pelvic organs produces such a variety of disagreeable and irritating symptoms that many people—in fact, the majority of people—have no idea that they are caused by catarrh. If all the women who are suffering with any form of female weakness would write to Dr. Hartman, Columbus, Ohio, and give him a complete description of their symptoms and the peculiarities of their troubles, he will immediately reply with complete directions for treatment, free of charge.

Mrs. Eva Bartho, 133 East 12th street, N. Y. City, N. Y., writes: "I suffered for three years with leucorrhoea and ulceration of the womb. The doctor advocated an operation which I dreaded very much, and strongly objected to go under it. Now I am a changed woman. Peruna cured me; it took nine bottles, but I felt so much improved I kept taking it, as I dreaded an operation so much. I am today in perfect health and have not felt so well for fifteen years."—Mrs. Eva Bartho.

Miss Maud Steinbach, 1309 12th St., Milwaukee, Wis., writes: "Last winter I felt sick most of the time, was irregular and suffered from nervous exhaustion and severe bearing down pains. I had so frequently cured myself with Peruna and what wonderful cures it performed so I sent for a bottle and in four weeks my health and strength were entirely restored to me."—Miss Maud Steinbach.

Everywhere the women are using Peruna and praising it. Peruna is not a palliative simply; it cures by removing the cause of female disease.

Dr. Hartman has probably cured more women of female ailments than any other living physician. He makes these cures simply by using and recommending Peruna.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.



MRS. EVA BARTHO.



### NEW MILKING DEVICE.

As an Object of Curiosity It is of Interest, Whatever Its Practical Value May Be.

The latest milking machine is here pictured in outline. It requires an engine or other power to drive it in order to work the vacuum air pump located at some convenient point. From this a line of iron gas pipe is run above the stalls in the milking shed. This pipe is used only to exhaust the air in the milk buckets. No liquid passes through it. A small branch pipe terminating in a hook is fitted to the main pipe and hangs over the stall about two feet above the cow's back. The bucket is shown in the figure, and is air tight, the top being closed



MECHANICAL MILKER.

with a lid, clamped securely in place by simply raising the handle to lift the bucket. All that is needed to make connection is the mere hanging of the bucket on the pipe above the cow by a hook attached to the milk pail for that purpose, as shown in the cut. This is an ordinary pail with a tight lid and glass peepholes down the sides so that the milk can be seen. A rubber tube runs to the cups attached to the cow's teats. Between the cups is a valve and chamber about the size of a hen's egg which really constitutes the effective part of the machine.

The machine is set to work by a simple turn of the valve and the suction holds it in place until the milking is finished. The valves and the cups weigh about two pounds and one man can use four or five of them to advantage in a large dairy. The machine is cleaned by passing cold water through the hose and tubes a few moments. All parts of the bucket may be cleaned with a brush. The cups are new and novel in their action. They collapse at the top first and thus compress the base of the teat and strip the milk, as by hand. It requires from two and one-half to ten minutes to milk a cow. With proper equipment one man can readily handle 50. The makers claim a cow may be milked perfectly clean and there is no tendency to dry up the flow of milk.—Orange Judd Farmer.

### ESTABLISHED FACTS.

Eight Points Concerning Milk That Have Been Established by Exhaustive Experiments.

Some things may be said to have been well established concerning milk by long and exhaustive experiments, which we will enumerate as follows:

1. If milk rich in butter fat is desired we must breed for it. It is entirely dependent upon the individuality of the cow, so that men have finally established that individuality into a breed characteristic, as with the Jersey and Guernsey breeds.

2. A bull belonging to a butter breed will impart this quality to his heifers if he has sufficient prepotency. Also a bull belonging to a breed which gives milk low in percentage of butter fat will impart that quality to his heifers.

3. It is not possible to increase the percentage of butter fat in milk by feeding food rich in fat, although that is the general idea with hosts of farmers.

4. A food rich in protein increases the quantity but not the quality of the milk. But by inducing the cow to give a larger quantity we may also induce her to yield more butter fat in 24 hours than she otherwise would have done.

5. Sudden changes in the time of feeding or character of the food, or sudden changes in the temperature, or exposure of the cow to cold rainstorms, or to brutal usage—all these affect the percentage of butter fat in milk. It may be mentioned also that some milkers affect cows favorably or unfavorably in this respect.

6. The milk of a cow does not, as a rule, reach its highest richness until after she has had her calf.

7. Milking three times in 24 hours, has been found to increase somewhat the amount of butter fat production.

8. For the consumption of infants the milk of a herd of cows is safer and more digestible than that of a single cow, for the reason that it is less liable to variation from nervousness and other causes.—Hoard's Dairyman.

### What Box Irrigation Does.

In some parts of the west box irrigation is practical as a cheap method of saving fruit trees, vines and gardens from drought. The boxes are made of rough planks, usually about six inches in length, and inserted in holes a foot or more in depth, a few inches from the tree or plants to be irrigated. Water is filled in the boxes and left to find its way to the roots. This places the water where it will do the most good, precludes the possibility of waste and overcomes the objections to surface irrigation.

### VALUE OF THE SILO.

As Important in Animal Husbandry as the Improved Barn or Corn Crib.

The use of the silo as an economic institution of the farm has been exemplified the last winter in many farming sections I have visited. Almost without exception, wherever I have gone, I have seen more or less unhusked corn standing in the fields, exposed to the wind, rain and snow, and to the hungry tribute gatherings of mice and crows. The valuable food elements of the fodder are, of course, the ones most soluble, and moisture cannot fall upon and run off of any ripened forage without carrying away with it some of the most easily available elements of nutrition. Fodder so exposed to the weather cannot be compared in feeding value with that early husked and stored, as any feeder who has fed the two kinds in comparison well knows. The good results from that consumed are much less, compared to the results from the early stored, while the amount refused by the animals is very much more.

These losses resulting from the corn exposed in the shock to the fall and winter weather are so extreme that the saving that would have been effected had the corn been ensilaged is so apparent that it is not necessary to further enlarge upon it. But the corn saved in the silo has the further intrinsic value of being much more thoroughly saved at the very height of its perfection so that it is easy to count it as having double the feeding value of the other. It must be remembered also that corn cut for the silo is cut clear to the root or as close to it as possible, whereas that cut and shocked to be husked usually has a stubble from one foot to three feet long left on the field. This is all lost as feed. In the silo it is all saved.

The fact that corn is our greatest crop, most easily and profitably raised, and that by stirring it in the silo its fullest feeding value is obtained, and as a result the live stock capable of being kept on a given number of acres may be almost doubled, it seems strange that the silo among intelligent farmers is not considered as necessary in animal husbandry as the barn or the corn crib.—W. F. McSparran, in N. Y. Tribune-Farmer.

### FARM MANURE SLED.

For Cleaning a Stable This Device Is Highly Recommended by Those Who Have Used It.

My barn is 62 feet long and has two rows of stanchions, with 18 cows in each row. Cleaning out the manure has been a problem, but I have solved it by the use of a sled. I hook a horse



STRONG MANURE SLED.

to a specially made sled, driving back of the cows. All the manure 18 cows will make in 16 hours, I haul in one load to the hog lot. I have a ten-foot pole on which I draw the runner of the sled to about the center of the manure pile, when the sled is tipped over with the pole, and returned to draw the next load. The sled is six by two and one-half feet with two by six-inch runners, six-inch sideboards, and solid board floor, with chain from each runner attached to single tree. Pine wood is used, which is well spiked tightly together.—E. H. Boody, in Farm and Home.

### Renovated Butter Ruling.

The treasury department has issued a ruling on renovated butter. The ruling is the secretary of agriculture's, but in enforcing the old and renovated butter law the agriculture and treasury departments cooperate. The ruling relates to branding and marking of renovated butter, and sets forth that the government brands and stamps upon butter cannot be removed or defaced in repacking, and that jobbers and wholesalers "shall handle butter only in original manufacturers' packages, and dispose of it without breaking these packages for any purpose or in any way changing the form and markings."

### Some Useful Churning Hints.

Should you use the old-fashioned dasher churn you are annoyed by the cream, milk and butter splashing out at the top, where the dasher handle goes through. This may be avoided by melting the bottom off of a small fruit or baking powder can and placing it over the handle of the dasher. It rests on the lid of the churn and catches all the "splash" and conducts it back into the churn. If you only have one pound of butter per week to sell, don't take it to market in a shapeless mass. A mold is cheap and pays for itself in a short time. People like to buy attractive butter, and will pay extra for it.—Midland Farmer.

### Rations for Dairy Cows.

The following rations are suggested by Prof. H. J. Waters, of the Missouri Agricultural college: Corn and cob meal, six pounds; wheat meal, five pounds; gluten or cottonseed meal, two and a half pounds; cowpea, alfalfa or clover hay, six pounds. Another is eight to 12 pounds of corn and cob meal, with all the alfalfa or cowpea hay the cows will eat. The third ration is eight pounds of corn and cob meal or seven pounds of cornmeal and four pounds of cottonseed or gluten meal. To all the above rations add as much straw, corn fodder, or sorghum hay as the cows will eat.

### NEW INFORMATION BUREAUS.

George H. Daniels, General Passenger Agent of the New York Central, Booming Resorts.

To boom pleasure and health resorts along the New York Central and associated lines and thereby increase the earnings of his department, George H. Daniels, general passenger agent of the Central, has installed information bureaus throughout the country. He is trying this plan of advertising for the first time.

The function of these bureaus is to convey information concerning the Central and the pleasure resorts, and also to sell tickets to anyone who may wish to buy. These bureaus have been established in this city, Brooklyn, Syracuse, Rochester, Buffalo, Niagara Falls, Montreal, Toronto, Cleveland, Detroit, Indianapolis, Cincinnati, Louisville, St. Louis, Chicago, Denver, Los Angeles, San Francisco, and Portland, Ore.—From the New York Herald.

Patience—"What did he mean by speaking of her Sphinx-like expression?" Patrie—"Her stoney glare, I suppose."—Yonkers Statesman.

We Can't Tell Your Fortune, but we have publications that will enlighten you about Texas and its great possibilities. Other "Katy" publications, "The Golden Square," "The Coming Country," "Old Mexico," etc., will be mailed on application. Address, "KATY," 510 Wainwright Bldg., St. Louis, Mo.

Tom—"Did she ask you if she were the only girl you ever loved?" Jack—"No. She took it for granted."—Somerville Journal.

Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'Brien, 322 Third Ave., N., Minneapolis, Minn., Jan. 6, 1900.

It is a great evil, as well as a misfortune, to be unable to utter a prompt and decided no.—Simmons.

"The Klean, Kool Kitchen Kind" of stoves keep you clean and cool. Economical and always ready. Sold at good stove stores.

Not many men think of themselves when they are hunting a place for blame.—Chicago Journal.

All creameries use butter color. Why not do as they do—use June Tint Butter Color.

The beauty seen, is partly in him who sees it.—Borce.

### TESTED BY TIME.

Mrs. Robert Broderick who resides at 1915 Virginia St., in San Antonio, Texas, tells an experience that will interest every reader.



It shows as well that Doan's cures are lasting cures. She says:—"Up to the early part of the year 1903 I had been a sufferer from kidney troubles for many years. The pain in my back became worse and worse until it was a daily burden that interfered with every duty. I was much afflicted with headaches and dizzy spells and was unable to rest well nights. In May 1903 after using Doan's Kidney Pills I made a statement for publication declaring that they had entirely relieved me of the pain in my back. I have since then had a year's time in which to study the effects of the medicine, and while I have had slight touches of the trouble since, the use of the pills has always driven away all signs of the disorder and I have become convinced of the fact that the first treatment was practically permanent in its effects, and I know that a box of Doan's Kidney Pills kept on hand is a sufficient guarantee against any suffering from the kidneys or back. I should advise every sufferer to take Doan's Kidney Pills, and I know that they will be surprised and pleased with the result."

A FREE TRIAL of this great kidney medicine which cured Mrs. Broderick will be mailed on application to any part of the United States. Address Foster-Milburn Co., Buffalo, N. Y. For sale by all druggists, price 50 cents per box.

## CUTICURA SOAP

The World's Greatest Skin Soap.

The World's Sweetest Toilet Soap.

Sale Greater Than the World's Product of Other Skin Soaps.

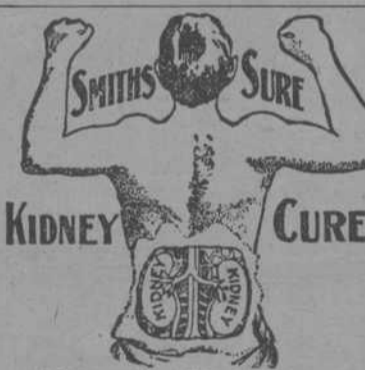
Sold Wherever Civilization Has Penetrated.

Millions of the world's best people use Cuticura Soap, assisted by Cuticura Ointment, the great skin cure, for preserving, purifying and beautifying the skin, for cleansing the scalp of crusts, scales and dandruff, and the stopping of falling hair, for softening, whitening and soothing red, rough and sore hands, for baby rashes, itchings and chafings, for annoying irritations, or too free or offensive perspiration, for ulcerative weaknesses, and many sanative, anti-septic purposes which readily suggest themselves to women, especially mothers, as well as for all the purposes of the toilet, bath and nursery.

Cuticura Soap combines delicate emollient properties derived from Cuticura, the great skin cure, with the purest of cleansing ingredients and the most refreshing of flower odors. No other medicated soap ever compounded is to be compared with it for preserving, purifying and beautifying the skin, scalp, hair and hands. No other foreign or domestic toilet soap, however expensive, is to be compared with it for all the purposes of the toilet, bath and nursery. Thus it combines in one soap at one price the most effective skin and complexion soap, and the purest and sweetest toilet, bath and nursery soap ever compounded.

Sold throughout the world. Cuticura Resolvent, 80c. (in form of Chocolate Coated Pills, 25c. per trial of 50). Ointment, 50c. Soap, 25c. Depots: London, 27, Chancery House Sq.; Paris, 3 Rue de la Paix; Boston, 19, Columbus Ave.; Patent Drug & Chem. Co., Sole Agents. Send for "All About the Skin, Scalp and Hair."

SMITH'S SURE KIDNEY CURE



SMITH'S SURE KIDNEY CURE

Makes Healthy Kidneys.

Dr. F. A. Remley, physician and druggist, Alvin, Tex., writes: Smith Medical Co., St. Louis, Mo.—Gentlemen:—Send me 3 or 4 doz. of your Smith's Sure Kidney Cure. I am pushing it. Several old chronic cases cured as if by magic.

Price 50 cents and \$1.00. For sale by all druggists.

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Write for FREE SAMPLE OZOMULSION SENT BY MAIL

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'NEW RIVAL' BLACK POWDER SHELLS. It's the thoroughly modern and scientific system of loading and the use of only the best materials which make Winchester Factory Loaded "New Rival" Shells give better pattern, penetration and more uniform results generally than any other shells. The special paper and the Winchester patent corrugated head used in making "New Rival" shells give them strength to withstand reloading. BE SURE TO GET WINCHESTER MAKE OF SHELLS.

Better Than Quinine. NEVER FAILS. CURES Chills and drives out ALL Malaria, and is a Great TONIC to the SYSTEM. W. M. AKIN & SON, Proprietors, Evansville, Indiana.

# BLIGHT AT YOUR CORE

Just as a Fruit Tree, Outwardly Well, May Wither and Die, So May You, Though Strong, be Sick from Internal Blight.

## HOW TO STERILIZE YOUR BLOOD AND KILL DISEASE GERMS OF CONSUMPTION

A Great Free Offer to All Readers of this Paper, by Accepting Which They May Obtain Free by Mail, a Large Bottle of the New Sterile Medicinal Food, Ozomulsion.

Is it your heart?  
Is it your kidneys?  
Is it your lungs?  
What organ is wrong?  
Where is your weak spot?  
Wherever it is, strengthen it with Ozomulsion.

It seems strange to some people, that a man may look the picture of health, may have muscles of iron, may be like a blooming fruit tree, and yet at core his vitality may be sapped away, just as the fruit tree, with green leaves and bark, may really be dying from blight at the core. There is a remedy for you, if you are such a victim. It is Ozomulsion.

The trouble with you internally, whether your heart, liver, lungs, or other organs, are affected, is due to weakness. The weakness comes from impoverished blood, poisoned, perhaps, by a pernicious microbe. Ozomulsion sterilizes and enriches the blood. Furnishes vital salts that the sick body needs. Stimulates the working of your internal organs. Puts your entire body upon a new footing of health. Pains and disease of every kind vanish after the use of Ozomulsion. It begins at the foundation and builds up.

It is not a drug or nerve stimulant. It is a Food. It is a New Idea in medicine, and is successful, because it works with nature.

Ozomulsion is made from the finest and purest cod liver oil, impregnated with salts and medicines which regenerate and vitalize all the internal organs of the body.

Ozomulsion can be depended upon to make you well.

It Positively Cures Consumption. TRY IT FREE!

To prove what Ozomulsion will do for you, or for any member of your family, we will gladly send you by mail, prepaid, a Free Sample Bottle of Ozomulsion Food. It is the emulsion physicians prescribe and use the year round in their families and practice and is sold in large bottles Weighing Over Two Pounds.

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