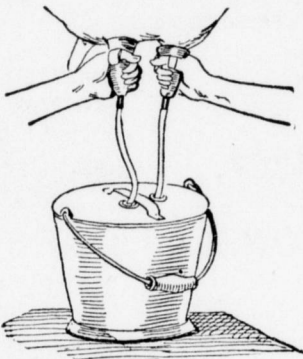




HYGIENIC MILKER.

An Australian Invention by Which Milk is Kept Pure and Free from Contamination.

Doctors, scientists and agricultural experts are all very much concerned, at the present time, about the contamination of milk and the serious consequences that are apt to result from it.



NEW MILKING MACHINE.

these have not come into extensive use, although, in one form or another, there are isolated examples of their use in dairies in different parts of the world.

NOT GOOD FOR COWS.

The Feeding of Musty Hay Injures the Milk Flavor and is the Cause of Poor Butter.

Do not feed musty hay to dairy cows, nor in fact any kind of fodder that is musty. Some believe that this mustiness will not pass through into the milk, and it may be so, but we are suspicious of the truth of the assertion.

ROADS ABOUT MANILA.

They are Reported to Be About as Bad as in Some Parts of Our Own United States.

When the troops first came to Manila the Pasay road was full of mud-holes and it was almost impossible to move the troops from Camp Dewey to Fort Malate in the rainy season.

When the dry season came and the sun could penetrate between the hedges of bamboo into the narrow lane the road was better, but still the wagons went splashing through the mud.

The Fourth cavalry was brought in from the line during the latter part of August. Capt. Hugh J. McGrath was in command of the three troops stationed at the barracks, and it was he who first conceived the good-roads idea and obtained permission to hire a gang of Chinese coolies to do the work.

The work began at old Fort Malate, and the chinos were quartered along the stone walls of the fort and ate their meals there until the road had crept along past the quarters. Then they moved their half roofs to the south and were ready for another lap.

Shortly after the road was built to the trenches at Pasay the cavalry was ordered south to join Gen. Schwan on his raid of the southern towns, and it was succeeded by the Thirtieth volunteers.

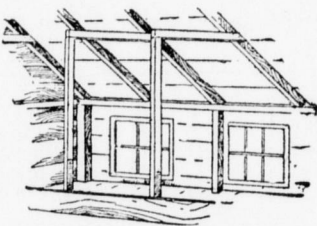
Under Maj. Hartigan the road building has gone far toward San Pedro Macati. And if the volunteers are left there long enough there is reason to believe that the highway will be finished.

Good roads are badly needed in this island. Probably the worst road in all the territory through which the wagons have to go is from Mololos to Quingua. The distance is about five miles, but it takes the better part of a day to get through.

FOR EARLY CHICKENS.

How to Fit up a Room for them in the Barn, Stable Loft or in an Outbuilding.

In a barn or stable loft one can fit up a warm and sunny room for early chicks, as shown in the cut. Low windows are put in under the eaves, and



CHICKEN ROOM UNDER EAVES.

light studding is set up as suggested, being nailed to the rafters for the roof of the chicken room. Simply lay boards in place for the top, and fill in the space above with hay. Board up in front, leaving openings for doors. Cover the floor with chaff, and put the hens and their chicks in here during February and March, and April, too, in the case of some states. The broods will do much better here than on the cold, wet ground.—Orange Judd Farmer.

THE DAIRY UTENSILS.

In private dairies it would be well to emulate the methods in vogue in milk shipping stations and creameries. Never neglect the care of the churn. Slight negligence in this direction may cost you the price of many a pound of butter.

Nothing will penetrate the crevices of a churn like hot water, and it needs to be at a boiling temperature when applied. After a churn has been some time out of use it should be thoroughly scoured with salt and repeatedly scalded before being again employed.

If it is important to keep butter tools scrupulously clean, how much more important is it to be rigorous in the treatment of milk utensils.

Rigid drying of dairy utensils by both an absorbent cloth and heat will prove satisfactory. I have known a new \$25 curd mill to be so eroded by rust in one season as to be nearly ruined, while by proper care it could have been made to run ten years without repair.

There is nothing gained in patching up old utensils about a home dairy or manufactory. Like farming tools, the apparatus of a creamery or cheese factory generally deteriorates more quickly in value from neglect than from practical use in its especial sphere.—American Cultivator.

Land for Strawberry Beds.

The land for the new strawberry beds should be prepared as soon as it can be done. Plow deep, harrow, apply the fertilizer broadcast, and then again harrow the soil fine. This will admit warmth and stimulate growth of early weeds, which can be destroyed with the harrow as soon as they appear, with the result of having the plot fairly free of weeds when the young runners are transplanted.

Deafness Cannot Be Cured

by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circular free.

Sold by Druggists, 75c. Hall's Family Pills are the best.

He Fell into the Trap. Wife—Did you mail that letter I gave you this morning? Husband—Of course, I did. "How provoking! I wanted to add a postscript."

You Can Get Allen's Foot-Ease FREE. Write today to Allen S. Olmsted, Leroy, N. Y., for a FREE sample of Allen's Foot-Ease, a powder to shake into your shoes. It cures chills, sweating, damp, swollen, aching feet. It makes new or tight shoes easy. A certain cure for Corns and Bunions. All druggists and shoe stores sell it. 25c.

At the Front.

He was a newspaper man. "Late war news kept me downtown," he stammered, as he entered the house at 539 a. m. "Humph!" replied his wife. "Well, we'll make a little more war news right here for a late edition." And the battle was on.—Philadelphia North American.

To Cure a Cold in One Day.

Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

"Yes, he brought out his history of the regiment for private circulation," "I need that," said the sergeant. "I don't think so. Every private in the regiment bought a copy."—Cleveland Plain Dealer.

Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Acts gently on the liver and kidneys. Cures sick headache. Price 25 and 50c.

Growls (angrily)—"You know that a fool can ask questions that a wise man can't answer, don't you?" Howells—"I've heard so, but I never knew it until now."—Boston Traveller.

I could not get along without Piso's Cure for Consumption. It always cures.—Mrs. E. C. Moulton, Needham, Mass., Oct. 27, '94.

Unrequited love must be a species of heart failure.—Chicago Daily News.

The best household jewel is a good cook.—Chicago Daily News.

An Ohio widow refused to marry a man because he wore a wig, although he was a millionaire. Her excuse was that in case of a family row there would be no fun in snatching him bald-headed.—Chicago Daily News.

Hoax—"Klumsy is very fond of horses, isn't he?" Joak—"If he is, it's something new." Hoax—"Well, I saw him out riding the other day, and he had both arms around the horse's neck."—Philadelphia Record.

Says a physician: "All the cosmetics in the world will not beautify the face if the mind is disturbed." This explains why the dude is a thing of beauty—he has no mind to disturb.—Chicago Daily News.

"The last chapter of my book surprised you, didn't it?" said the young author. "Happier ending than you expected, eh?" "Well, I asked mamma once, and she said 'No!' But then, I haven't asked her a good many times yet."—Indianapolis Press.

When little Ethel was asked if she were going to Edith's party, she said: "I don't know. I asked mamma once, and she said 'No!' But then, I haven't asked her a good many times yet."—Indianapolis Press.

Mr. Hamm (the eminent tragedian)—"Yes, we opened our new play on the first of January." Friend—"And did you have a long run?" Hamm—"Well, no, we didn't have a long run, but after the second performance we had a long walk—all the way from Chicago to Philadelphia."—Philadelphia Inquirer.

"I never was glad for this impediment in my speech but once," said the man from Dearborn, who was in to see the big parade. "When was that?" Fe-fellow asked me h-h-how much I would take for a-a horse, and while I-I-I was t-trying to tell him s-sixty dollars, he offered me a hundred."—Woman's Journal.

ALABASTINE advertisement. LABASTINE is the original and only durable wall coating, entirely different from all kalsomines. ADIES naturally prefer ALABASTINE for walls and ceilings, because it is pure, clean, durable, and sticks on walls with a powdered form, in five-pound packages, with full directions. LL kalsomines are cheap, temporary preparations made from whitening, chalks, flays, etc., and stick on walls with a decaying animal glue. ALABASTINE is not a kalsomine. EWARE of the dealer who says he can sell you the "same thing" as ALABASTINE or "something just as good." He is either not posted or is trying to deceive you. ND IN OFFERING something he has bought cheap and tries to sell on ALABASTINE's demands, he may not realize the damage ALABASTINE will do to your kalsomine on your walls. ENSIBLE dealers will not buy a lawsuit. Dealers risk one by selling and consumers by using inferior kalsomine. Own right to make wall coating to mix with cold water. HE INTERIOR WALLS of every church and school should be coated only with pure, durable ALABASTINE, which safeguards health. Hundreds of tons used yearly for this work. N BUYING ALABASTINE, customers should avoid getting cheap kalsomines under different names. Insist on having our goods in packages and properly labeled. UISANCE of wall paper is obviated by ALABASTINE. It can be used on plastered walls, wood ceilings, brick or canvas. A child can brush it on. It does not rub or scale off. ESTABLISHED in favor. Shun all imitations. Ask paint dealer or druggist for tint card. Write us for interesting booklet free. ALABASTINE CO., Grand Rapids, Mich. PISO'S CURE FOR CONSUMPTION. CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

NONE SUCH SORENESS and STIFFNESS Nothing relaxes them and makes a speedy perfect cure like St. Jacobs Oil. Established 1848. Illustration of a man on a horse.

Palmer's Lotion The Great BEAUTIFIER and Skin Curer. For Pimples, Tetter, Eczema, Sore Eyelids, Burns, and all Diseases of the Skin and Mucous Membranes that can be reached by an outward application. Lotions Soap Prevents and assists in curing all such afflictions. At Druggists only.

W. L. DOUGLAS \$3 & 3.50 SHOES UNION MADE. Worth \$4 to \$6 compared with other makes. Indorsed by over 1,000,000 wearers. The genuine have W. L. Douglas's name and price stamped on bottom. Take no substitute claimed to be as good. Your dealer should keep them—if not, we will send a pair on receipt of price and 25c extra for carriage. State kind of leather, size, and width, plain or cap toe. Cat. free. W. L. DOUGLAS SHOE CO., Brockton, Mass.

AN APPEAL TO HUMANITY We need your assistance in announcing to the world the GREATEST REMEDY that Science has ever produced, and you need our assistance to secure relief for yourself and friends through SWANSON'S "5 DROPS." A REMEDY SUPREME As surely as the American Navy has conquered all that opposes it, so will "5 DROPS" unfailingly conquer all diseases like Rheumatism, Sciatica, Neuralgia, Lumbago, Catarrh of all kinds, ASTHMA, Dyspepsia, Backache, Sleeplessness, Nervousness, Heart Weakness, Toothache, Earache, Creeping Numbness, Bronchitis, Liver and Kidney Troubles, etc., etc., or any disease for which we recommend it. "5 DROPS" is the name and the dose. "5 DROPS" is perfectly harmless. It does not contain Salicylate of Soda nor Opium in any form. The Child can use it as well as the Adult. Read carefully what Mr. L. R. Smith, of El Dorado Springs, Mo., writes us under date of Nov. 27, 1899, also Martan Bowers, of Caragha Ohio, who does not know how to express how wonderful I think your "5 DROPS" medicine is. I was suffering intensely with NEURALGIA and thought for a month that I would have to die. One day I saw a notice in a paper about an advertisement of your "5 DROPS." I resolved to try it and sent for a sample bottle. Have been taking it for three weeks and have not had an attack of suffering since I took the first dose. I believe it has saved my life. This statement is positively true. I should so take pleasure in recommending your "5 DROPS" for the cure of NEURALGIA. L. R. SMITH, El Dorado Springs, Mo., Nov. 27, 1899. RHEUMATISM Your "5 DROPS" came to hand on the 11th of last month and was glad to receive it for I was suffering at the time with untold agonies. The first dose helped me out of my pain on short notice. Bless the name of God for it. It will do all you say it will, and more too. I had severe pains all over my body, when night came I could not sleep. The worst pain was in my left leg. I could not put my foot to the floor without suffering great pain. Have used four different kinds of medicine for RHEUMATISM and got no relief until I got your "5 DROPS," which gave me immediate relief as above stated. MARTAN BOWERS, Box 55, Caragha, Ohio, Dec. 10, 1899. 30 DAYS to enable sufferers to give "5 DROPS" at least a trial, we will send a sample bottle, prepaid by mail for 25c. A sample bottle will convince you. Also, large bottles (300 doses) \$1.00. Sold by us and agents. AGENTS WANTED in New Territory. Don't wait! Write now! SWANSON RHEUMATIC CURE CO., 160 to 164 Lake St., CHICAGO, ILL.

CUTICURA RESOLVENT CURES SCROFULOUS CANCEROUS CANKER HUMORS RIVER KIDNEY DISEASES PURELY MEDICINAL PRICE 50 CENTS. Complete External and Internal Treatment \$1.25. Consisting of CUTICURA SOAP (25c.), to cleanse the skin of crusts and scales and soften the thickened cuticle, CUTICURA Ointment (50c.), to instantly allay itching, irritation, and inflammation, and soothe and heal, and CUTICURA RESOLVENT (50c.), to cool and cleanse the blood. A SINGLE SET is often sufficient to cure the most torturing, disfiguring skin, scalp, and blood humors, with loss of hair, when all other remedies fail. Sold throughout the world. FORTZ D. & C. CO., Props., Boston, How to Cure Skin Humors, free.

California Grown Seeds Lead the World. THE LAND OF SUNSHINE. The Magazine of California and the West has contracted with two of the most reliable seed-growers in California for a large supply of flower and vegetable seeds at lowest wholesale rates and will give all the benefit of the great reduction thus obtained to its subscribers. To any subscriber, new or old, we will send packages of California-grown flower or vegetable seeds (your own selection) to the value of \$1.40 FOR ONLY 50 CENTS. If you are not now a subscriber send \$1.50 to cover one year's subscription and the cost of the seeds. We will then mail you two large and beautifully illustrated catalogues, from which you may select seeds to the list price of \$1.40 without further cost. Or for 20 cents we will send sample copy of the magazine and the catalogues, and allow credit of 20 cents on your order when it comes in. Subscribers under this offer will also be entitled to enter the contest for the 10-acre fig orchard which we are going to give away, as already advertised. THE LAND OF SUNSHINE PUBLISHING CO., LOS ANGELES, CALIF. SUBSCRIPTION DEPT.

FOR 14 CENTS. We wish to gain this year 200,000 new customers, and hence offer 1 Pkg. City Garden Seeds, 10c; 1 Pkg. Fruit & Flower Seeds, 10c; 1 Pkg. La Crosse Market Lettuce, 10c; 1 Pkg. Strawberry Melon, 10c; 1 Pkg. 13 Day Radish, 10c; 1 Pkg. Early Rippe Cabbage, 10c; 1 Pkg. Early Disher Onion, 10c; 1 Pkg. Brilliant Flower Seeds, 10c. Worth \$1.00, for 14 cents. If you are above 10 Pkgs. worth \$1.00, we will mail you free, together with our great Catalogue, 10c. We invite you to order our MILLION DOLLAR POTATO upon receipt of this notice & 1c. stamps. We invite you to order our know when you once try Naizer's. 5000 Pkgs. of Naizer's 1000-year-old earliest Tomato Giant on earth, 1c. per Pkg. \$1.00. LA CROSSE, WIS.

This High-Grade GUITAR for only \$2.65. The top edge is bound with white celluloid. Has fancy inlay around sound-hole. The best American-made steel strings. Rapidly detuned silver frets, with inlaid pearl position dots. The scale is a most perfect one, is made to make. It is strong with a full set of BEST quality steel strings. A complete instruction book is sent with each guitar. On receipt of \$1.00 we will send it O. D. subject to examination. OUR SPRING CATALOGUE of 1000 illustrated pages will be sent prepaid on receipt of 15 cents, which pays part of the express charges, and will be refunded on receipt of first order. This catalogue quotes wholesale prices on EVERYTHING you buy. Write for it. Established 1867. JOHN M. SMYTH CO., 100-106 W. Madison St., Chicago. Order by this No. 11 B.

LAMB'S Throat Candy, one of the best Cough Remedies For Vocalists, Public Speakers, etc. Send 10c. to LAMB BFG. CO., Ottawa, Canada, for sample box.

People You Like To Meet. Are found on the personally conducted California excursions via Santa Fe Route. If you need assurance of this, send for books and circulars which fully explain an agreeable and economical way of touring the West. T. A. GRADY, Manager California Tourist Service, The Atchison, Topeka & Santa Fe Railway, 109 Adams Street, Chicago.

NOT the CHEAPEST BUT the BEST. BUGGY our factory can build for the money \$100.00 buys the Buggy here illustrated, fully equipped with the customer's choice of either HEAVY Rubber or Leather tires, top, and either of Browster side-bar springs. Your choice of color, material, and trim. The BEST HICKORY screed, Rim Wheels, 4 or 1 inch tread, Full length Brussels Carpet, BOOT STROM AFRON, Whip Socket, Toe Nail, Spring Hook, SICKER, Chain and BUCKETS, Trimmings. We have vehicles from \$9.50 up, including Road Carts, Road Wagons, Surreys, Gigas, C. O. D. east of the Rocky Mountains on receipt of \$2.00, subject to examination. For those who prefer to send the full amount with the order, we will include a good whip. OUR SPRING CATALOGUE of 1000 pages, illustrating some of the line in NATURAL COLORS, will be sent prepaid upon receipt of 10 cents, which pays part of the express charges, and will be refunded on receipt of the first order. This catalogue quotes wholesale prices on EVERYTHING you buy. WEAR and USE. Established 1867. JOHN M. SMYTH CO., 100-106 W. Madison St., CHICAGO, ILL. Order by this No. 11 B.

In 3 or 4 Years an Independence is Assured. If you take up your home in Western Canada, the land of plenty, illustrated pamphlets, giving full information as to reduced railway rates, can be had on application to the Superintendent of Immigration, Department of Interior, Ottawa, Canada, or address the undersigned who will mail you atlases, pamphlets, etc., on request. W. H. GREGORY & SON, Immigration Agents, 100-106 W. Madison St., Chicago, Mich.; or to M. V. McINNIS, No. 2 Merrill Bldg., Detroit, Mich.; D. L. CAVEN, Columbus, Ohio.

FOR 50 CENTS we will send you our TWO-QUART FOUNDATION SYRINGE, with RUBBER TUBING, NICKEL-PLATED VALVE & THREE biologic, hard rubber nipples, for INFANTS, ADULTS, REAL and VAGINAL. These pipes have the slip apparatus, air-tight joints, and are made to last or wear. All carefully packed in a straw-board, paper-covered box. The postage will be 12c. Our Spring Catalogue of 1000 illustrated pages will be sent prepaid on receipt of 15 cents, which pays part of the express charges, and will be refunded on receipt of your first order. This catalogue quotes wholesale prices on EVERYTHING you buy. Write for it. Established 1867. JOHN M. SMYTH COMPANY, 100-106 W. Madison St., CHICAGO, ILL. Order Style No. 11 B.

LEARN PROOFREADING IF YOU POSSESS A HIGH SCHOOL EDUCATION, why not utilize it at a genteel and unobtrusive profession paying \$15 to \$25 weekly? Situations always obtainable. Write to our original instructors by mail. HOME CORRESPONDENCE SCHOOL, Philadelphia, Pa. A valuable book for proofreading, floral and vegetable growers. Free for the asking. Address J. J. H. GREGORY & SON, Marlborough, Mass.

LADIES Learn how to secure elegant DINNER SETS, Sewing Machine, Bicycle, Parlor Lamp, Bed-Room Suit, etc. Write to us at once and we will tell you to do so. New York Coffee Co., 717 N. 9th St., Reading, Pa. VAN BUREN'S Rheumatic Compound is the only positive cure. Past experience speaks for itself. Joseph S. S. California Ave., Chicago.

When Writing to Advertisers please state that you saw the Advertisement in this paper.