



NEW MILKING MACHINE.

Pennsylvania Inventor's Unique Device Prevents Contact of Milk with the Atmosphere.

Mrs. Hughson, of Chicago, whose letter follows, is another woman in high position who owes her health to the use of Lydia E. Pinkham's Vegetable Compound.

DEAR MRS. PINKHAM:—I suffered for several years with general weakness and bearing-down pains, caused by womb trouble. My appetite was poor, and I would lie awake for hours, and could not sleep, until I seemed more weary in the morning than when I retired. After reading one of your advertisements I decided to try the merits of Lydia E. Pinkham's Vegetable Compound, and I am so glad I did. No one can describe the good it did me. I took three bottles faithfully, and besides building up my general health, it drove all disease and poison out of my body, and made me feel as spry and active as a young girl. Mrs. Pinkham's medicines are certainly all they are claimed to be.—MRS. M. E. HUGHSON, 347 East Ohio St., Chicago, Ill.—\$5000 reward if original of above letter proving genuineness cannot be produced.

More than a million women have regained health by the use of Lydia E. Pinkham's Vegetable Compound.

If the slightest trouble appears which you do not understand write to Mrs. Pinkham, at Lynn, Mass., for her advice, and a few timely words from her will show you the right thing to do. This advice costs you nothing, but it may mean life or happiness or both.

Needed Not the Country.

"And do none of you know anything about the country?" asked the teacher, sadly.

"Oh, yes, ma'am, I know," said Eva Goronowsky. "The country is the Fresh Air Fund."

"Then you've been there," cried Miss Bailey. "Tell us about it, Eva."

"No, ma'am, I ain't seen it," said Eva, proudly. "I'm healthy."—McClure's.

Billion Dollar Grass and Alfalfa.

When we introduced this remarkable grass three years ago, little did we dream it would be the most talked of grass in America, the biggest, quick, hay producer on earth that ever came to pass.

Agri-Editor wrote about it. Agricole Professors lectured about it. In-stitute Orators talked about it, while in the farm house by the quiet fireside, in the corner grocery, in the village post-office, at the creamery, at the depot, in fact wherever farmers gathered, Salzer's Billion Dollar Grass, that wonderful grass, good for 5 to 14 tons per acre, and lots of pasture besides, is always a theme worthy of the farmer's voice.

A. Walford, Westlore Farms, Pa., writes: "I have 60 acres in Salzer's Alfalfa Clover. It is immense. I cut three crops this season and have lots of pasture besides."

JUST SEND 10C IN STAMPS
and this notice to John A. Salzer Seed Co., La Crosse, Wis., for their big catalog and farm seed samples. [K. L.]

She Knew One.
Mr. Finnick—In all my life, Miss Egan, I have only met two women whom I would really care to marry.

Miss Egan—And—er—what was the other one's name, Mr. Finnick?—Philadelphia Public Ledger.

A Remarkable Discovery.
A German chemist has discovered a healing agent in coal oil which has created quite a sensation amongst sufferers wherever it has been tested, on account of the wonderful cures accomplished by its use. A few applications are sufficient to cure muscular rheumatism, neuralgia, headache, tooth, ear or backache, lameness, sprains, chilblains, in fact every severe pain. It is sold in drug stores as Dr. Baye's Penetrating Oil in 25c. and 50c. bottles and warranted to cure or money refunded.

"Sometimes," said Uncle Eben, "a father kin o' overburdens a boy by specin' him to be goin' on smart enough to creet de faults of all de res' of de famly."—Washington Star.

Stops the Cough.
and works off the cold. Laxative Bromo Quinine Tablets. Price 25 cents

The true poet has a lively imagination and so too, has the mere verse writer, for the latter is apt to imagine that he is a poet.—Puck.

Do not believe Piso's Cure for Consumption. It has an equal for cougs and colds.—J. F. Boyer, Trinity Springs, Ind., Feb. 15, 1900.

It may be but a small matter even if a man doesn't know his own mind.—Chicago Daily News.

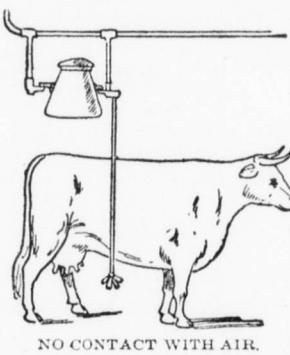
If you need creamery prices do as the creameries do, use June Tint Butter Color.

It's hard to convince the oldest inhabitant that the good die young.

LASTING RELIEF.
J. W. Walls, Superintendent of Streets of Lebanon, Ky., says:
"My mighty rest was broken, owing to irregular action of the kidneys. I was suffering intensely from severe pains in the small of my back and through the kidneys and annoyed by painful passages of abnormal secretions. No amount of doctoring relieved this condition. I began taking Doan's Kidney Pills and I experienced quick and lasting relief. Doan's Kidney Pills will prove a blessing to all sufferers from kidney disorders who will give them a fair trial."

Foster-Milburn Co., Buffalo, N. Y., proprietors. For sale by all druggists, price 50 cents per box.

DEAFNESS Send for circular or call Micro-audiphone Co., 362 W. 39th St., New York.



NO CONTACT WITH AIR.

With the recent report of a state health board official that an epidemic of fever in one of our largest cities could be traced directly to a case in the family of a milk dealer in that locality, the urgent necessity for sanitary inspection of the milk supply is again made apparent to even those individuals who are rather inclined to scoff at such advanced and scientific theories. No doubt, the time will come when all milk will have

BRIDGING AN INLAND SEA.

Stupendous Engineering.

We have in times past been told much of wonderful feats in railroad building, and much has been written of the engineering skill and daring that directed the course of the iron horse across the plains and mountains that lie between the Missouri river and the Pacific Ocean. "In the grandeur and magnitude of the undertaking, the Union Pacific—Central Pacific has never been equaled. The energy and perseverance with which the work was urged forward, and the rapidity with which the extended arcs without parallel in history," were the statements of the special government commissioners to the Secretary of the Interior.

Thirty-five years ago there was no time to spend on work similar to that which has just been completed. Then the world was watching while the builders of the Union Pacific and Central Pacific raced for supremacy. It was a magnificent contest, but nowadays the owners of the road have been brought to consider other problems. One of these necessitated the solution of the grade question and the strengthening of the track.

One of the most interesting and difficult feats of railroad engineering ever undertaken has just been completed by the owners of "The Overland Route," Union Pacific and Southern Pacific Railroad—the building of a bridge across the Great Salt Lake between Ogden, Utah, and Lucin, Nevada.

The work being practically completed, the new track was formally opened on Thanksgiving Day when Mr. E. H. Harriman, head of the Harriman Lines, and a big party of railroad magnates partook of Thanksgiving Day dinner in the middle of Great Salt Lake.

The Ogden-Lucin "Cut Off" is 102 miles in length, 72 miles on land and 30 miles over water, and filling over the waters of Great Salt Lake. It presents a practically level track except for a short distance on the west end near Lucin, Nevada, where a slight grade is encountered.

The use of this cut off will throw out the transcontinental traffic over the old line from Ogden to Lucin, Nevada, around the lake. This strip of track is one of the most expensive of the Harriman system, the maximum grade over the long Promontory hill is 104 feet to the mile and helper engines are always necessary. The elimination of the use of these engines will mean the saving of at least \$1,500,000 a day in operating expenses and also a saving of several hours in running time.

Active work was commenced in 1902, and thus the almost impossible task was completed in about 22 months. The last pile was driven during the last week of October. This great work has cost over \$2,000,000.00.

The cut off runs from Ogden west 15 miles over level country before reaching the lake proper, then across the east arm of the lake 9 miles to Promontory. Then five miles of solid road bed and then 19 miles west over the west arm of the lake toward Lucin and thence across the Great Salt Lake Desert to Lucin, Nevada. Across the east arm of the lake, it will be almost a continuous fill supported by trestle. Near the middle of this will be a gap of 600 feet of open trestle work left for the waters of the Bear River which flow into the arm of the lake.

Across Promontory Point runs five miles of solid road bed and here difficult work was encountered. A cut of 3,000 feet long in sand and rock of barren bluff being necessary. At this point, the most beautiful on this inland sea, surveys have been made for an immense sum of money.

Across the west arm of the lake is 11 miles of trestle work with a fill approaching each end of four miles.

In completing a work of this kind, the east arm was by the settling of fills and trestle work. This was caused by the salt of the flow of the Bear River having collected for centuries over the bottom of 100 feet. It took 1,000 tons of rock in piles which appear to have reached the bottom of the lake proper and which has resulted in a firm and splendid road bed.

In a speech which he made at the Alta Club, Salt Lake City, on the eve of the opening of the "Cut Off," Mr. Harriman said:

"The completion of this undertaking will reduce the distance between San Francisco and Salt Lake by 41 miles, and will eventually bring the time between the two cities down to 22 hours.

"It is intended to reduce the running time from Salt Lake to Chicago to 36 hours, and put passengers into New York in 56 hours from Salt Lake.

"These two railroads—Union Pacific and Southern Pacific—have spent in the last three years somewhere near \$130,000,000 in repairs and improvements aside from the expenses of operation or maintenance."

MESSAGES AT HIGH SPEED.

Inventor of Multiplex System Devises an Instrument Sixty Times as Rapid as Ordinary Telegraphy.

Telegraph messages can be sent and received at a rate of from 1,000 to 3,000 words a minute. A newspaper representative recently saw and heard a message transmitted and delivered at these speeds. In the transmission of messages press wires can, by the use of the shortest code, with the most expert operators, carry only an average of 2,500 words an hour. The record is 3,300 at present.

The inventor, P. H. Dalaney, who devised the multiplex system, has been working on his device for ten years in South Orange. Stripped of all technicality, the new automatic telegraph system may be described as follows:

A typewriter keyboard, when manipulated, causes two rows of perforations to be made upon a narrow tape of paper which unwinds itself automatically over the type faces and renews after being perforated. This contains the message in a Morse cipher, the dots being read when two holes are at a close angle or nearly in perpendicular alignment, and the dashes when the angle is greater. This tape, reeled as it is finished, is put upon the transmitter, which sends the same dashes and dots to the receiving office.

The perforator is an adjunct of the keyboard and is controlled by a powerful and very rapid electric motor.

May Come to It.

Paris now eats 30,000 horses a year, and as we have learned from it to consume snails and frogs' legs, it follows, remarks the Philadelphia Inquirer, that we shall still have use for our horses when automobiles become universal.

SOFT LOS ANGELES AIR.
Still another Los Angeles man has fallen from a high building without suffering serious injury. Isn't it about time to advertise the advantages of his property without due process of law.—Chicago News.

TWO KINDS OF LAW.

One for Law-Abiding Citizens and the Other Generous-Spirited Neighbors.

Georgia has a law intended to induce stockowners to keep their animals in their own fields, says the Atlanta Constitution. When a farmer finds his neighbor's cattle in his corral instead of in his own, he is permitted to shoot them, he puts them in his own corral, and when the owner comes for them, charges him 50 cents a head to pay for the trespass.

It happened that when the law was under discussion two neighbors were very violent, the one in favor of it, the other against it. After the law had been passed the cattle of the man who had opposed it got into the other man's field and were captured. Their owner went for them.

"A man is a law-abiding citizen," said the other farmer, "and as there are 14 cattle, it will cost you seven dollars."

The man whose cattle had been impounded was indignant, but he paid the bill. A little later he captured his neighbor's cattle in his field. Wallet in pocket, the owner of the cows rode over to get them.

"Well," he demanded, "how much do I owe you?"

"Not a cent," replied the other. "I may not be a law-abiding citizen, but I'm a neighbor."

PARTY LINE TELEPHONE.

A Squabble Between Subscribers That Was Settled Very Speedily and Amicably.

Washington has thousands of party line telephones. The best of feeling does not always prevail between those on the party lines when both want to use the phone at the same time, says the Rochester Democrat and Chronicle. A prominent politician is on a party line with a doctor. He was in great haste to get a friend over the phone and began ringing and shouting "Hello." The other subscriber wanted to use his telephone at the same time. While the rest of them were talking, said the harness driver, "Who are you?" demanded the politician.

"I'm Dr. Blank," was the answer.

"Oh, pardon me, doctor, you can have the line. It wasn't for you I couldn't make a living."

"Well, who are you?" asked the doctor.

"I'm Jones, the undertaker," was the answer.

Thought It Was Soiled.

They were a party of people from "up state" and nothing in the big city interested them so much as the great ships at the docks. They had been wandering hopefully over the deck of a four-masted ship about to clear with coal for an eastern port, and after awhile one of the women found an open hatch.

"Come here!" she called excitedly to her nearest companion, with the air of one who has made a discovery. "Look! Look! Just think! She's holler!"—Youth's Companion.

A Dentist's Advice.

Toledo, Ohio, Jan. 25th.—Mr. Harry L. Lewis, dentist, 607 Summit street, this city, says: "I certainly advise anyone no matter how severe they may have Kidney Trouble to take Dodd's Kidney Pills.

"I was troubled with Kidney Disease for several years and Dodd's Kidney Pills cured me. I had used many so-called remedies without any benefit. Four months ago, I was flat on my back with this painful trouble and must say that I almost gave up hopes of ever getting any better. Through a friend's advice I purchased six boxes of Dodd's Kidney Pills.

"At first I could see but little benefit, but after a few weeks I could see improvement. I had been getting up several times at night and pain in my back were very severe. When I had taken six boxes I felt better than I had for years. The pain had all gone and I didn't have to get up during the night at all. I continued the treatment until I had used several more boxes and now I am glad to say that I am completely cured."

A Soft Heart.—Freddy—"Boohoo! Sissy's gone, and killed that little fly on the window."—Mother—"I'm glad to see my little Freddy is so tender-hearted."—Freddy—"It isn't that; I w-wanted to k-kill it myself."—Pick Me Up.

The U. S. Dept. of Agriculture

gives to Salzer's Oats its hearty endorsement. Salzer's New National Oats yielded in 1903 from 150 to 300 bu. per acre in 30 different States, and you, Mr. Farmer, can beat this in 1904, if you will. Salzer's seeds are pedigree seeds, bred up through careful selection to big yields.

Per Acre.
Salzer's Beardless Barley yielded 121 bu.
Salzer's Home Builder Corn... 309 bu.
Speltz and Macaroni Wheat... 89 bu.
Salzer's Victoria Rape..... 60,000 lbs.
Salzer's Teosinte, the fodder wonder 160,000 lbs.
Salzer's Billion Dollar Grass... 50,000 lbs.
Salzer's Pedigree Potatoes..... 1,000 bu.

Now such yields pay and you can have them, Mr. Farmer, in 1904.

SEND 10¢ IN STAMPS

and this notice to the John A. Salzer Seed Co., La Crosse, Wis., and you will get their big catalog and lots of farm seed samples free. [K. L.]

DAILY GUIDE TO FLATTERY.—When you see a boy you hadn't seen for months, pretend not to know him because he has grown so rapidly. He will be your friend for life.—Baltimore American.

One of the laws of gravity is never to laugh at your own jokes.

Blows from the bellows of ridicule leave no bruises.—Chicago Tribune.

A blanket mortgage will not keep a house warm in zero weather.—Chicago Daily News.

Many people are honest as the day is long; the night is when they need watching.—N. O. Times-Democrat.

It's folly for the leap-year girl to waste her time on a man who doesn't seem to mind his bachelor freedom.—Chicago Daily News.

Mrs. Suburbia—"There goes Mrs. Toughman. Is she in mourning for her late husband?"—Mrs. Knobell—"No, only wearing black for him."—Cincinnati Times-Star.

Wife—"There was a man around to-day selling big brass buglar alarm bells to put on the front of the house, so I ordered one." Husband—"What?" You know we haven't anything worth stealing." Wife—"I know, but it will make the neighbors think we have."

That man in there is a hypocrite," said Jackson, as he left the drug store. "You mean the druggist?" "Yes. When I went in I interrupted him in the midst of compounding a prescription; I told him I wanted a two-cent stamp and he smiled as sweetly as he was glad to see me."—Philadelphia Press.

Mr. Suburb—"I sent a girl to see you from the employment agency this morning. Did she call?"—Mrs. Suburb—"Yes, she interviewed me." Mr. Suburb—"And will she take the place?" Mrs. Suburb—"I hope so. She was pleased to say she thought I would be 'respectful' to her."—Philadelphia Press.

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"That's a good idea," said the girl.

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