An Unexplained Fact.

M. Satcheosky, a Russian scientist, has made a number of observations on changes of ground temperature with depth, in the mountains of southern Siberia. He finds that these changes are more rapid on the tops and sides of the mountains than at their feet—that is to say in the valleys. Furthermore, he finds that the earth's surface in these valleys is colder than on the sides of the neighboring mountains. The facts are well established, but unexplained.

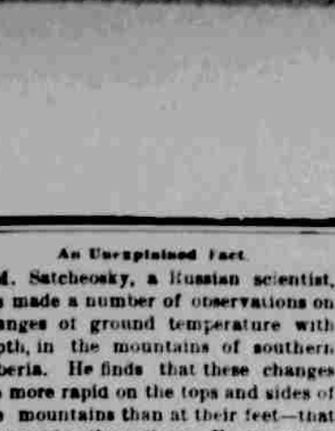
A CHILD ENJOYS

The pleasant flavor, gentle action and soothing effects of Syrup of Figs, when in need of a laxative, and if the father or mother be costive or bilious, the most gratifying results follow its use; so that it is the best family remedy known, and every family should have a bottle on hand.

Do something worth while. Do it soon.

Every Christian is the high priest of a temple of the Holy Ghost.

The first step toward the devil is always very short.



I Gave Up

Hoping I would ever be better, I had suffered so much from sour stomach, kidney trouble, and other ailments, that Hood's Sarsaparilla was the means of saving my life. After taking it I was strong and muscular, gained 14 lbs. I recommend

Hood's Sarsaparilla

to all who long for health and strength." NICHOLAS SCHIEBER, Summerdale, Ill.

Hood's Pills are tasteless, mild, effective. All druggists. 25c

The Greatest Medical Discovery of the Age.

KENNEDY'S MEDICAL DISCOVERY.

DONALD KENNEDY, OF ROXBURY, MASS.,

Has discovered in one of our common pasture weeds a remedy that cures every kind of Humor, from the worst Scrofula down to a common Pimple.

He has tried it in over eleven hundred cases, and never failed except in two cases (both thunder humor). He has now in his possession over two hundred certificates of its value, all within twenty miles of Boston. Send postal card for book.

A benefit is always experienced from the first bottle, and a perfect cure is warranted when the right quantity is taken.

When the lungs are affected it causes shooting pains, like needles passing through them; the same with the Liver or Bowels. This is caused by the ducts being stopped, and always disappears in a week after taking it. Read the label.

If the stomach is foul or bilious it will cause squeamish feelings at first.

No change of diet ever necessary. Eat the best you can get, and enough of it. Dose, one tablespoonful in water at bedtime. Sold by all Druggists.

THE AERMOTOR CO. does half the wind-mill business, because it has reduced the cost of wind power to 1/3 what it was. It has many branch houses, and supplies its goods and repairs at your door. It can and does furnish better article for less money than others. It makes Pumping and Geared, Steel, Galvanized after Completion Windmills, Tilting and Fixed Steel Towers, Steel Buzz Saw Frames, Steel Feed Cutters and Feed Grinders. On application it will name one of these articles that it will furnish until January 1st at 1/3 the usual price. It also makes Tanks and Pumps of all kinds. Send for catalogue. Factory: 12th, Rockwell and Fillmore Streets, Chicago.

N. N. U. No. 362--47. York Neb

WHEN WRITING TO ADVERTISERS please say you saw the advertisement in this paper.

Flossie's Dilemma.

Flossie is six years old. "Mamma," she called one day, "if I get married will I have to have a husband like pa?"

"Yes," replied the mother with an amused smile.

"And if I don't get married will I have to be an old maid like Aunt Kate?"

"Yes."

"Mamma"—after a pause—"it's a tough world for us women, ain't it?"—Mercury.

Huxley and Tyndall.

Tyndall was, I think, one of the earliest members of the Alpine Club, but he seceded after an unfortunate dispute, which arose in connection with his own unsuccessful attempts on the Matterhorn, and Mr. Whymper's ascent of that peak, and it was not till three or four years before his death that he again attended one of the annual dinners of the club, where he and Professor Huxley were among the guests of the evening. Both orated, but in the particular art of after dinner speaking Tyndall was not the equal of his brilliant rival, and his labored and rather egotistical utterances contrasted unfavorably with the delicate persiflage of Huxley, who by the way, chaffed him unmercifully on that occasion as being one of the goats and not one of the sheep—the goats who climbed the arid rocks; while the sheep—among whom Huxley reckoned himself—browsed contentedly on the rich pastures below.

The use of Hall's Hair Renewer promotes the growth of the hair, and restores its natural color and beauty. frees the scalp of dandruff, tetter and all impurities.

You can't weld selfishness; a fire hot enough to fuse it consumes it.

Wit is brushwood; judgment is timber. The first makes the brightest flame, but the other gives the most lasting heat.

Beware of Ointments for Catarrh that Contain Mercury,

as mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is ten fold to the good you can possibly derive from them. Hall's Catarrh Cure manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, Ohio, by F. J. Cheney & Co. Testimonials free.

Sold by Druggists, price 75c per bottle.

One reason we pray for the baptism of power with so little earnestness is because there is fire in it. We want the power, but we are not willing to pay the price.—Young Men's Era.

FITS.—All Fits stopped free by **Dr. Kline's Great Nerve Restorer.** No Fits after the first day's use. Marvelous cures. Treatise and $2.00 trial bottle free to Fit cases. Send to Dr. Kline, 931 Arch St., Phila., Pa.

Your dog, often made to mind, denied a walk with you, shut away from your company, and chastised, perhaps, forgives you so lovingly. But how often even a professing Christian goes around saying: "I can't forgive."—Standard.

Mrs. Winslow's SOOTHING SYRUP for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c bottle.

Fat men would not look so bad if they were fat all over, but they are fat all in one place.

Jayne's Expectorant is both a palliative and curative in all Lung Complaints, Bronchitis, etc. It is a standard remedy for Coughs and Colds, and needs only a trial to prove its worth.

New York Recorder: "Are you sure you love him?" "Am I sure? Do you see this dress?" "Of course I do. What of it?" "Will you kindly tell me if it bears the slightest resemblance to the present fashion?" "Well, really, it—er—it" "It doesn't?" "Well, I am wearing it because he likes it.

Loss of opportunity is life's greatest loss. Think of suffering with

NEURALGIA 5 Years 10 Years 15 Years

When the opportunity lies in a bottle of ST. JACOBS OIL. It cures.

It Was Before the Day of

SAPOLIO

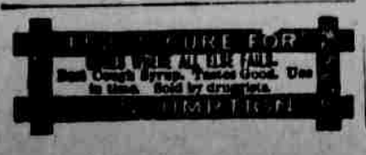
They Used to Say "Woman's Work Is Never Done."

Timely Warning.

The great success of the chocolate preparations of the house of **Walter Baker & Co.** (established in 1780) has led to the placing on the market many misleading and unscrupulous imitations of their name, labels, and wrappers. Walter Baker & Co. are the oldest and largest manufacturers of pure and high-grade Cocoas and Chocolates on this continent. No chemicals are used in their manufactures.

Consumers should ask for, and be sure that they get, the genuine Walter Baker & Co.'s goods.

WALTER BAKER & CO., Limited,
DORCHESTER, MASS.



Fun For All!—Have you seen The Magic Age Cards? With these cards you can tell the correct age of any person from one to sixty-three years old. Full directions with each pack. Price, 10 cents per pack by mail, post-paid. Address,

C. T. CHRISTENSON,
P. O. Box 630, Minneapolis, Minn.

REAL RURAL READING

WILL BE FOUND IN THIS DEPARTMENT.

A Piggery that Is Convenient in Handling Hogs—Device for Loading Corn Fodder—Cream Churned Cold Gives More and Better Butter.

A Convenient Hog House.

The structure is raised on posts or stone pillars, so that a small platform of two feet or more in height may be erected just outside one of the doors, as seen in the perspective view, Fig.

FIG 1. PERSPECTIVE VIEW OF PIGGERY.

1, and in the ground plan, Fig. 2. As but one end of the building is necessarily thus elevated, it is best, where possible, to select a sloping piece of ground for its location, placing the building so that entrance may be had at the other end without the use of steps. As a matter of economy in building material, the rear wall is made lower than the front, the ridge of the roof running along the line of posts that form the front of the series of pens. The front of each pen consists of a hanging door, a, Fig. 3, swinging back and forth within the trough, and held in either position by a sliding latch, b, thrust into a hole near the edge of the trough. These hanging doors are made removable by the use of separable brackets.

When loading hogs on a wagon the rear of the wagon is brought against the outer end of the platform, and lowered to its level by cutting soil from beneath the wheels. The front of the platform is temporarily boarded up, while the open door closes the back. One of the hanging doors is now removed, and

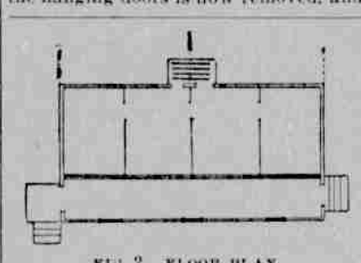


FIG. 2. FLOOR PLAN.

the hogs are driven along the passage in front of the pens, out upon the platform, which is level with the floor, and into the wagon, with but little persuasion. Between the pens are sliding doors, held in position by a pin or bolt passing through the door and working in a series of holes in one of the partition boards. In this way large and small animals may be separated for feeding, and yet all have access to the

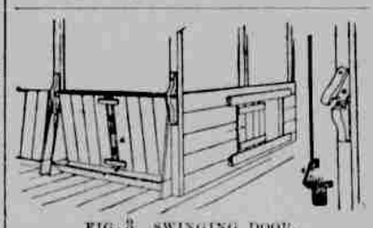


FIG. 3. SWINGING DOOR.

same yard through the same door, or part may be entirely shut in at pleasure.—American Agriculturist.

Stock Notes.

It is claimed that if rye is fed too long to hogs, it causes itching of the skin.

Prof. Shaw prefers shorts to oats for pig feeding, on the ground of economy.

If a calf is only half fed when it is young, it will never be the most profitable animal to keep.

It is said that if two blankets are put on a wet horse, the moisture will soon collect in the outer one, which may be removed, leaving the horse dry.

Corn on cob, well ground, with half the bulk of oats and mixed with hay is highly recommended as a ration for horses. The German cavalry have ordered such supplies.

One reason given for the English supremacy in mutton growing is that there the lambs and sheep are fed always upon the best the land affords, and are not confined to short pastures and stubblefields.

Warming the Hayloft.

A Scotch dairyman is credited with the test of a warm barn for his cows. They were losing him $10 a week, and he tried by more liberal feeding to get them on a paying basis, but failed. Finally it occurred to him that the barn might be too cold, and he closed the large open loft over the cows, and tightened it up to a temperature of nearly 60 degrees, when his loss was changed to $10 a week gain. It had cost him $20 worth of feed per week to try to warm that hay loft.

Land Value.

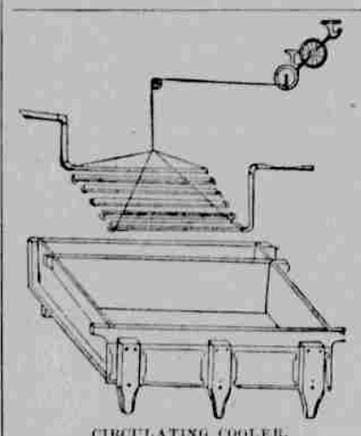
Land is worth more even than it will bring in the market. This is the general rule, and there are very few exceptions. The causes are of a financial character, rather than industrial, and are temporary, as we verily believe. No other legitimate business, says the Ohio Farmer, outside of a speculative character, is more profitable than farming at the present time, all things considered. Have faith in the future. Have faith in the land. Stick to it. It will not disappoint you in the long run.

Protect Machinery with Straw.

I found my hay loader much in the way in the barn, and, as I don't like to take machines apart to store them, I took it to the orchard, says E. M., in the Agriculturist, raised it from the ground, braced it so that none of the parts would be strained, and completely covered it with a pile of straw. This prevented any injury from the weather, and it was a very cheap way of sheltering the loader. It took less time to cover it with a small straw stack than to take it apart. Binders and other implements might be treated in the same way.

Churning Cream Cold.

H. B. Gurler, an enthusiastic advocate of churning cream at a low temperature, has devised a cooler which accomplishes the purpose much quicker than the cooling vat, with water surrounding the cream, does. The cooler consists of a row of pipes like a single steam heat radiator. Mr. Gurler describes it in his book on dairying, from which the illustration is taken. The cold radiator is shown suspended in air above the cream vat. When in use, it is put down into the cream and worked up and down by machinery. At the same time cold water runs through the pipes constantly, so that it is constantly changed. In this way the cooling is very quickly effected. The above arrangement will cool a vat of cream from 70 degrees down to within 3 degrees of the temperature of the water in 35 minutes. It is best to cool the cream a few degrees lower than you wish to



CIRCULATING COOLER.

churn, for the fat globules do not harden quite so fast as the cream cools. Mr. Gurler's experience shows that more and firmer butter is got out of the cream at 50 degrees than at a warmer temperature.

Demand for Pumpkins.

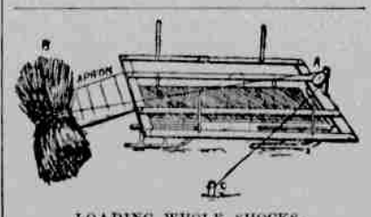
The pumpkin crop on many farms is used almost exclusively for feeding to milch cows. They are good for increasing milk flow, but wherever there is a city or large village within reach, the pumpkins will bring more money marketed for making pies, while the cow can be better fed with grains or wheat bran, and at much less cost than the same nutritive value in the pumpkin.

Late Sown Wheat.

When for any reason wheat sowing is delayed until after the usual time, heavier seeding is necessary. Up to the middle of September a bushel and a half of wheat put in with the drill is sufficient for an acre. It will be all the better if lightly grazed with sheep or calves, so as to make the wheat plants spread in growth, instead of shooting upward. Later sown wheat will need two bushels of seed per acre, and there will be no necessity of fall pasturing it, though a harrowing of the surface in spring will be generally a benefit to the crop and also to the clover seeding with it.

Loading Corn Fodder.

The accompanying illustration shows how fodder may be loaded without much exertion. Place an ordinary rack on a low-wheeled wagon or a sled. To the rear of the rack hinge an apron of sufficient length so that when one end is on the ground the slope will not exceed 25 degrees. Fasten a pulley (a) to the front end of the rack at the middle. Back the wagon or sled close to the shock. Turn down the apron. Make a loop on one end of a strong rope and place this over the shock (b). Run the other end through the pulley on the



LOADING WHOLE SHOCKS.

front of the rack, then back to a stake or iron pin (c) driven into the ground. Start up the team slowly and the shock will be pulled on to the rack.—Orange Judd Farmer.

Feeding for Eggs.

Stimulating food fills the egg basket. It may consist of wheat bran two parts, ground oats one and one-half parts, ground cornmeal an eighth part; season with salt and one-half teaspoonful of ground black or cayenne pepper to the pint of food. For hatching eggs the best diet is wheat, oats, ground bone, clover and blue grass and plenty of fresh water for any and all purposes.

Ordering Trees for Planting.

In ordering trees for planting select the two-year-old apple, pear and plum trees instead of three-year-old trees, as they almost invariably have more fine, fibrous roots in proportion than do the older trees. Young trees can be more readily trained to any desired shape than older ones. The most extensive planters prefer to plant young trees.

Stopping Growth of Vines.

The size of all melons, squash and pumpkins may be increased by pinching back the ends of the vines after fruit has set. It is also well to remove some of the later blossoms and the small fruit that will not get large enough to use, thus diverting to what is larger the sap that would otherwise go to waste.

Highest of all in Leavening Power.—Latest U. S. Gov't Report

Royal Baking Powder

ABSOLUTELY PURE

It is the Usual Thing.

The Chairman of the Meeting—Gentlemen, you see only ruin around you. The lurid flames have wiped us out. Our town is gone. It is in ashes. We were not very well insured, but we must try to build up again on what little money we have. Now, the chairman would like to receive suggestions as to the wisest thing to do. What shall be the first step?

Leading Citizen—I move, Mr. Chairman, that we club in and buy a fire-engine.—Judge.

A Miraculous Escape.

While storming the first line of forts at Port Arthur a soldier belonging to the Twenty-fourth Regiment raised his rifle to fire at an unusually conspicuous Chinaman, says the Japan Mail. Just as he was about to fire, a bullet from the enemy's side came whizzing on, and marvelous to relate, entered the barrel of his own gun as smoothly and neatly as if the muzzles had been placed mouth to mouth. Of course there was an explosion, and the soldier's piece was shattered to the stock, but without his receiving any injuries whatever. A fractional variation to the right or left would have caused the hostile bullet to enter his head or face, so that his escape was nothing short of miraculous. He preserved the stock of the now useless weapon, and afterward exhibited it to his colonel, who permitted him to keep it as a momento of his narrow escape.

Piso's Remedy for Catarrh gives immediate relief, allays inflamation, restores taste and smell, heals the sores and cures the disease.

Doing is the proof of living.

When one has come to seek the honor that comes from God only, he will take the withholding of the honor that comes from men very quietly.—Macdonald.

Too Much.

Banns—You didn't know that I was once engaged to marry your wife, did you?

Danns—No; who broke the engagement?

Banns—I did.

Danns—Did, eh? (Smashes him and pounds him within an inch of his life.) There, now; if you ever play a trick on me like that again, I'll kill you the next time!—N. Y. World.

Every flower that has a perfume at all secretes a volatile oil, the evaporation of which constitutes the peculiar odor characteristic of the blossom.

The smallest flower known to the botanist is said to be that of the yeast plant. It is microscopic in size and is said to be only 1-100th of a millimeter in diameter.

Lilies of the valley in France are called "virgin's tears," and are said to have sprung up on the road between Calvary and Jerusalem during the nigh following the crucifiction.

Two sons of Marshal Bazaine are said to be serving in the Cuban insurgent ranks.

A 50CT. CALENDAR FREE.

The Publishers of THE YOUTH'S COMPANION offer to send free to every new subscriber a handsome, four-page calendar, 7x10 in., lithographed in nine bright colors. The retail price of this calendar is 50 cents.

Those who subscribe at once, sending $1.75, will also receive the paper free every week from the time the subscription is received to Jan. 1, 1896. Also the Thanksgiving, Christmas and New Year's Double Numbers free, and THE COMPANION a full year, 52 weeks, to Jan. 1, 1897. Address THE YOUTH'S COMPANION, 199 Columbus Ave., Boston.

We are always safe if we take Christ as our counselor, for He never misdirects our steps and never misleads our thoughts.

AGENTS WANTED

"I made Josiah a han'some dressin' gown out of some soft cottoning I had in the house. It was very dressy with its beautiful trowels."

"SAMANTHA IN EUROPE."

A NEW BOOK BY JOSIAH ALLEN'S WIFE.

Agents Wanted Over 100 Illustrations by De Grimm. Agents Wanted

She that is Josiah Allen's Wife Has Been to Europe. Josiah went along, and Baron C. de Grimm, the famous artist and caricaturist, followed them. They went to England, Ireland, Scotland, and Wales; also to France, Germany, etc. The results are that we have now in press Samantha's latest and greatest of all her books, telling the **"strange and skairtful"** story of their adventures in strange cities, royal palaces, and in out of the way places. They also visited the Duke of Veragua, Emilio, and others they had met at the World's Fair in Chicago. Baron de Grimm has made over 100 illustrations of the events of the trip, all of which will appear in the book. With its **profound interest, depth of wit, genuine humor,** and sound philosophy, verily this book will sweep all before it. Not only Americans, but English, German, French, and other folk are eager to read it. As many copies will surely be sold as were of all Samantha's other books combined more than half a million. **Wide-awake agents** know what this announcement means—a bonanza to those who secure territory. And Ho! for the Holidays!

About 700 pages, large Octavo. Price, by Mail or Agent, Cloth, $2.50; Half Russia, $4.00.

Write for terms and territory At Once.

FUNK & WAGNALLS CO. Publishers, 30 Lafayette Place, New York.

Love Lightens Labor

so does

SANTA CLAUS SOAP.

This great cleaner comes to woman's aid on wash-day and every day. Makes her work a matter of love instead of drudgery. Try it. Sold everywhere.

Made only by

The N. K. Fairbank Company,
CHICAGO.

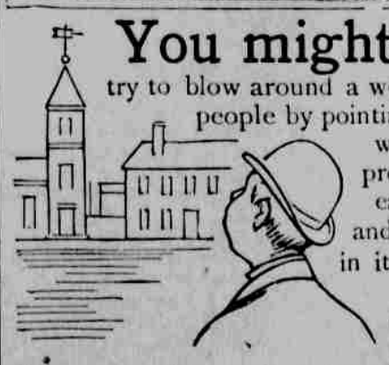
PISO'S CURE FOR CONSUMPTION

"I firmly believe that Piso's Cure kept me from having quick Consumption."—Mrs. H. D. DARLING, Beaver Meadow, N. Y., June 18, 1895

Cures Where All Else Fails. BEST COUGH SYRUP.

TASTES GOOD. USE IN TIME. SOLD BY DRUGGISTS. 25 CTS.

You might just as well



try to blow around a weather vane as to help some people by pointing out the right way. They won't see it. Even if you prove to them that it's the easiest way, and the safest, and cheapest, they won't walk in it.

But this isn't so with all. It's only a few, comparatively. We're not complaining. There are millions of women who have seized on **Pearline's** way of washing—glad to save their labor, time, clothes, and money with it. Most women don't need much urging when they fully understand all the help that comes with **Pearline.** 800

Millions NOW USE Pearline