

PEOPLES call it backs and do nothing for it until the doctor is called and he pronounces it rheumatism. If they had used Salivation Oil in time the doctor's bill could have been saved.

On the shield of Achillea, described by Homer, were represented the earth, the sky, the sea, and the moon; all the constellations, two cities with crowds filling the forums and armies besieging a town, besides battles, single combats, rural scenes, pictures of home life, dances, cattle herding, lion and bull fighting and a vast variety of mythological subjects.

STATE OF OHIO, CITY OF TOLEDO, 1882.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & CO., doing business in the city of Toledo, Ohio, and that said firm will pay him the sum of ONE HUNDRED DOLLARS for each and every case of CATARACTS that cannot be cured by the use of HALEY'S CURE.

FRANK J. CHENEY,
Sworn to before me and subscribed in my presence, this 6th day of December, 1882.
A. W. GLEASON,
Notary Public.

Hail's Cataract Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free.

F. J. CHENEY & CO., Toledo, Ohio.

Sold by druggists, 75¢.

PAPRIKA is a trifle stronger than white pepper, and while it has not the biting quality of cayenne has a more exquisite flavor than either when used in cooking.

Cure for Colds, Fevers and General Debility, Small Beans. 25c per bottle.

In bleaching, linen loses one-third its weight, cotton, one-tenth.

FOR THROAT DISEASES AND COUGHS use BROWN'S BRONCHIAL TROCHES. All really good things, they are imitated. The genuine are sold only in boxes.

SIX POINTS, out of many, where Doctor Pierce's Pellets are better than other pills:

1. They're the smallest, and easiest to take little sugar-coated granules that every child takes readily.

2. They're perfectly easy in their action—no griping, no disturbance.

3. Their effects last. There's no reaction afterwards. They regulate or cleanse the system, according to size of dose.

4. They're the cheapest, for they're guaranteed to give satisfaction, or your money is returned. You pay only for the good you get.

5. Put up in glass—are always fresh.

6. They cure Constipation, Indigestion, Bilious Attacks, SICK or Bilious Headaches, and all derangements of the liver, stomach and bowels.

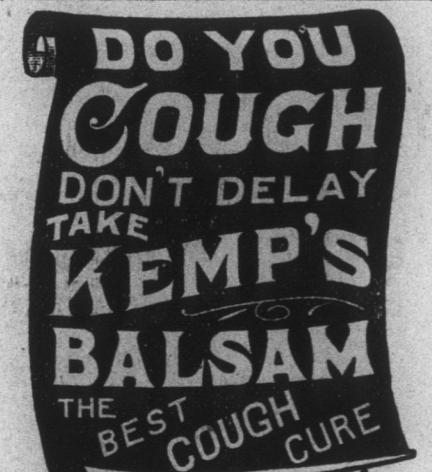


ONE ENJOYS

Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectively, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities command it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 50¢ and \$1 bottles by all leading druggists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Do not accept any substitute.

CALIFORNIA FIG SYRUP CO.
SAN FRANCISCO, CAL.
LOUISVILLE, KY.
NEW YORK, N.Y.



It Cures Colds, Coughs, Sore Throat, Croup, Inflammation, Whooping Cough, Bronchitis and Asthma. A certain cure in the first stages. Use one. You will see the excellent effect after taking the first dose. Sold by dealers everywhere. Large bottles 50 cents and \$1.00.

WANTED! MEN TO TRAVEL. We pay \$200 a month and expenses. Apply to W. H. STONE & CO., Wellington, Madison, Wisc. MENTION THIS PAPER WHEN WRITING TO ADVERTISERS.

FAT FOLKS REDUCED
Mrs. Alice Maple, Oregon, Mo., writes to say that she has lost 12 lbs. in weight by the use of F. J. STEPHENS' Tea. Her weight is now 100 lbs. and she is in excellent condition. MENTION THIS PAPER WHEN WRITING TO ADVERTISERS.

25 DODGE'S
THE GREAT
TAKE
KEMP'S
BALSAM
THE
BEST
COUGH
CURE.

Cures Consumption, Coughs, Croup, Sore Throat. Sold by all Druggists on a Guarantee. For a Lamp, Side, Back or Chest Shiloh's Poultice will give great satisfaction—25 cents.

BEST POLISH IN THE WORLD.

RISING SUN
STOVE POLISH

DO NOT BE DECEIVED! Stoves, Enamels, and Paints which stain the hands, injure the iron, and burn red. The Rising Sun Stove Polish is Brilliant, Odorous, Durable, and the consumer pays for no tin or glass package with every purchase. HAS AN ANNUAL SALE OF 3,000 TONS.

HOME AND THE FARM.

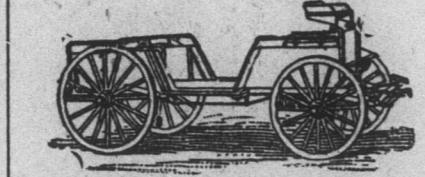
A DEPARTMENT MADE UP FOR OUR RURAL FRIENDS.

An Ideal Farm Wagon—Kerosene Emulsion for Sheep Scab—Value of Fertilizers in the Orchard—Matters of Interest to the Dairymen.

Changes in Sheep Husbandry.

A correspondent of the Rural New Yorker gives an illustrated description of a farm wagon which he considers an ideal.

The front wheels are three feet two inches, the rear four feet high. The axles are of 2-inch round steel bent to right angles at the wheels. The cranks are eight inches and are held in horizontal position by spiral springs adjustably connected with the wagon body, front of the wheels, allowing the body to be lowered eight inches, the length of the cranks.



The wagon body rests directly on the axle close to the cranks on boxes in which the axle rolls in response to tension placed on the springs by the load or draft. The sides of the body are fully strengthened against lateral pressure by the fenders, which also furnish additional width increasing the capacity of the box or body. Truss rods prevent the sagging of the center of the body. The side openings are closed by boards cut to fit and secured in place by springs. To remove the boards, press the springs and raise them.

He says, you will see many advantages at a glance. The spiral springs are very light, carry the load very steadily and act as spring whiffle-trees in starting a load. The cranks are perfect equalizers, as when one wheel meets an obstruction the spring at the opposite wheel shares the resistance. The wagon, though light (900 pounds) has carried over 2000 loads of from 2,000 to 3,000 pounds. No bolster or reach is needed. It may be cheaply built and it is certainly a pleasure to use it, for when loaded it is only eighteen inches from the ground. It is wholly of my own construction except the wheels. The wood work I made and put together during leisure hours, and I also made the patterns for the irons, which a blacksmith made and put together under my supervision.

Sheep Scab Cured.

Kerosene emulsion has been found by the South Dakota Experiment Station to be an effective remedy for sheep scab. The scab is caused by a small mite. This insect is very hard to kill as is shown by the fact that two specimens put in a solution 93 per cent. alcohol showed signs of life for nine and fourteen minutes respectively. The emulsion was made by dissolving ten pounds of hard soap in twenty gallons of soft water heated to the boiling point, after which five gallons of kerosene were added. The mixture was then pumped briskly through a spraying pump into the vessel. The violent agitation caused the materials to emulsify in about five minutes. After standing a few minutes the kerosene about a pint in all, rose to the top of the emulsion and was taken off. The emulsion was diluted by the addition of forty-five gallons of water, making about 7 per cent. of kerosene in the solution.

Care was taken not to dip the sheep while free oil was floating on the surface. Seven sheep were dipped. The animals were in all stages of affection by the scab, some almost naked from its effects and barely able to walk. Although the sheep dried off slowly not the slightest damage was done to the wool, in fact the emulsion seemed to have cleansing properties. On examination twenty-four hours after dipping, the sheep showed no live mites. Two days after the first dipping one of the worst infested animals was examined closely with a pocket microscope and only one live mite was found. The cost of the dip is not large.

Flowering Bulbs for the Window.

Freesias, Hayacinths, Tulips, Bermuda Lilies, and Callas are the favorite bulbs for window culture, and will amply repay in beautiful and fragrant bloom all the trouble and expense they make. Some of the other bulbs, not so well known as those named, are fully as desirable and, in some situations do better. The Alliums are of this class. They will grow and blossom under most unfavorable conditions, simply requiring a moderate amount of heat, air, water, and light. Calochortus or Buttercup tulips are not so well known for window culture as some other bulbs, but they are grand flowers for the window, retaining their beauty for a long period. The varieties of Narcissus, especially Polyanthus (Parrot white) and Poeticus (Poet's Narcissus) are desirable bulbs for window culture.

A well-known, but often forgotten, point in bulb culture is that after potting the bulbs should be placed in a cool, dark closet or cellar to root; when the top begins to show through the soil or from out the point of the bulb, it may be brought to the light and gradually be given more heat until it comes into full bloom. The better rooted the bulb before being brought into the light and heat, the better will be its flowers. While most bulbs are planted and noted during September and October, one may pot during November, and, if proper care be given, feel quite sure of having an abundance of bloom during the late winter months.

Of Interest to Dairymen.

There are three special lines of dairymen, and from these it will generally be the dairymen to choose some one, to follow it steadily, rather than to combine the different branches, says Hoard's Dairymen. The three divisions are: The retail trade or shipment of milk, the manufacture of butter and the manufacture of cheese. The cow that is the best for one of these is not the best for the other two, and, consequently, the stock should be selected in the first place with particular reference to the branch of business that is to be followed. The man who has a

specialty good butter: Herd cannot afford to furnish milk to a cheese factory, nor to ship his product to a city to be sold with low grade milk from all sources. Find out what you want to do before you begin to build your herd, and then follow that purpose steadily, and you will be apt to come out all right.

Changes in Sheep Husbandry.

It is well to contrast the present status of our sheep industry with what it was a few years ago, and then to consider the causes that led to the changes which have so readily and timely given a relief to the depressed situation. If the signs of the times are properly read, the next few years will witness the most important changes in the financial and social side of the agricultural question in this country. If the small farmers with a few sheep can obtain satisfactory results, as they do now, in competition with the large farmers they will hold on to their land, if perhaps a few acres, and stop the absorption of small holdings by the larger landowners. This competing of small farms of the East with the virgin soils of the West in general farming, in the production of corn and wheat, is impossible. This unequal contest has resulted disastrously, but with the central, controlling markets at the very door of the Eastern farmer he can compete in special products like mutton.

Handy Door Check.

A door check is a blessing in every house, especially where there are small children who so often get their hands and feet bruised by the accidental shutting of a door. This check, as shown in Farm and Home, prevents it. A is the main piece, which should be made of any kind of iron and must be screwed to the lower corner of the door. B is the spring that presses down the shank C against the floor and prevents the

another potatoe cylinder, or a cork pierced with cylindrical holes like those below, and this time each hole must have each axis vertical and not oblique. Then through a vertical hole in the center, pass a string to suspend the apparatus. Catch the string below the cork by passing a match through it. Attach the upper end of the string to a nail in the ceiling, or to the chandelier which hangs above your center table. Meantime put a lamp shade over the glass chimney and force it down to the largest part; then suspend all around the shade little horses and riders cut out of paper.

Place a bowl on the table, directly under the lamp chimney, and pour water into it through the chimney's upper end. This will set the apparatus in motion at once. The water passes through the holes in the cork at the upper end, fills the tube and runs out at the oblique orifices in the potato. The whole thing then begins to turn with great rapidity, and you have a hydraulic racing match before you. The little horses and riders will move around merrily.

When you pull apart two panes of glass which were stuck together by syrup or copying ink you will notice that the viscous liquid is spread out over each pane, so as to form very delicate and artistic abstractions, like the impressions of fossil algae. You

will be surprised at the number of beautiful and graceful designs which you can obtain by this pressure of two panes together over any sticky substance. Our picture gives the facsimile of a design obtained with

Fertilizers for Orchards.

A bulletin issued by the Agricultural College of Michigan treats the subject of fertilizers for orchards as follows: "As a fertilizer we have made use of unleached wood ashes. On most soils no other fertilizer need be used for a number of years, but on light or exhausted soils the application of perhaps twenty loads of decomposed stable manure, or, if this cannot be obtained, of fifty pounds of nitrate of soda and 200 pounds of fine ground bone per acre which, with 100 bushels of ashes, will make a complete fertilizer. In case the fresh ashes cannot be obtained, two or three times the quantity mentioned of leached ashes would have a marked effect. Wood ashes would have a tendency to solidify and compact the soil; hence they are excellent on light land, but care should be taken not to use them to excess on heavy soils."

Sell Old Stock.

The Indiana Farmer says: "Farmers do not retain animals after the period of profitable use is passed from any special affection, but simply because they do not recognize the fact that they are on the down grade. Go into the barns and fields of men who are thoroughly successful stock-raisers, and you will find mainly young animals; very rarely any that are much past their prime. On the other hand, look over the stock of men who think that live stock does not pay, and you will often see the reason plainly written in the too great age to which animals are kept."

The Parson's Teeth.

There is a story of a clergyman who had taken temporary duty for a friend and who had the ill-luck to injure his false teeth during the week, says the Manchester (England) Times. The plate was sent to the dentist's for repair, a faithful assurance being given that it should be duly returned when it should be.

With the assistance of the clerk the clergyman managed to stumble through the prayers, but felt it would be useless to attempt to preach. He therefore instructed the clerk to "make some excuse for him and dismiss the congregation." But his feelings may be better imagined than described, when, in the seclusion of the vestry, he overheard the clerk, in impressive tones, thus deliver the "excuse": "Parson's very sorry, but it is his misfortune to be obliged to wear a set of artificial teeth. They busted last Wednesday and he ain't got them back from London to day, as he was promised. I've helped him all I could through the service, but I can't do no more for him. It isn't any use him going up into the pulpit, for you wouldn't understand a word he said, so he thinks you may as well go home."

A Scotch Courtship.

On the shores of the Moray Firth—the spot need not be more specifically located, says Chambers' Journal—there is a flourishing little village of some 1,400 inhabitants, consisting chiefly of fisher folk. The young man and maiden do not court in the orthodox fashion. Their method is much more prosaic, and what is characteristic of one case may generally be accepted as characteristic of them all. The e is, of course, an occasional instance of genuine old-fashioned courtship, but that is rather a rare exception.

"Mother," said one young man on his return from a successful herring fishing, "I'm goin to get merrid."

"Weel, Jeems, a' think ye sh'd just gang an' ask yer cousin Marack." And, as he had no particular preference, he went straight away to ask her.

"Wull ye tak me, Marack?" was the dairyman's query which he put to the young woman in the presence of her sister Bella.

But Mary had promised her hand to another that same evening. "I canna tak ye, Jeem," was her reply, and then, turning to her sister, "Tak ye 'm Bellak!" And the sister took him.

"Good News, if True.

An extensive bed of deep-water oysters has been found, it is said, in the Sound, about twelve miles from Seattle, Wash.

Poultry Pickings.

NEVER fatten breeding fowls.

ACEMENT floor is good for the poultry house.

Keep fresh water before your fowl constantly.

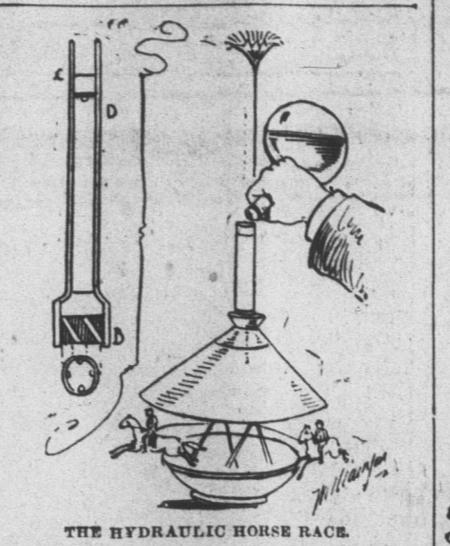
SUNFLOWER seeds promote laying and good health.

SCIENCE AT HOME.

Simple Experiments for the Family Circle.

Carve out of a raw potato a cylinder of the diameter of the upper portion of a lamp chimney of good size and about an inch tall. Then with a quill toothpick pierce in this cylinder four cylindrical holes oblique with relation to the axis of the large cylinder. Our picture shows you the place and the direction of the holes. Then take the chimney and close the largest end with the potato thus prepared.

At the top of the lamp chimney fit



THE HYDRAULIC HORSE RACE.

SCIENCE AT HOME.

Pay the Price of the Royal for Royal only.

Actual tests show the Royal Baking Powder to be 27 per cent. stronger than any other brand on the market. If another baking powder is forced upon you by the grocer, see that you are charged the correspondingly lower price.

Those baking powders sold with a gift, or advertised or sold at "half the cost of Royal," are invariably made from alum, and are dangerous to health.

Every can of Royal Baking Powder contains a ticket giving directions how to obtain, free, a copy of The Royal Baker and Pastry Cook, containing 1000 of the best and most practical cooking receipts published.

Entrapped

A correspondent sends to the Youth's Companion an account of a recent occurrence that carries with it its own lesson. A young man in a small town became a member of an "endowment" society—one of the mushroom "fraternal orders" of which there have been so many during the past few years.

"Ye'll never see yer money again," said some of his friends, who thought he was a fool to believe the promises held out.

"Oh, yes, I shall. You see."

Sure enough, he did see it again. After paying out about \$40 altogether, for admission and assessments, his certificate matured and he received \$100.

Then those who had sneered at him and predicted that he would lose all hastened to join so prosperous an order.

They paid the first fee and one or two assessments, and then a court ordered the affairs of the concern to be wound up.

There was not on hand half as much money as would be needed to pay back to the members what they had invested, to say nothing of interest or profits.

A part had gone to redeem a few certificates—just enough to cover the cost of new members; another large part in com-</p