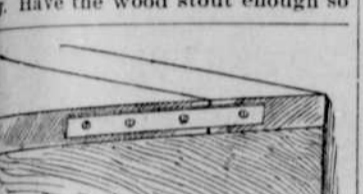


ARMED AND FARMERS. The farmer frequently needs a great number of hinges in making chicken and pig coops.



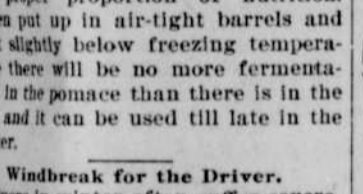
SCREW EYE HINGE. When running through them. Screw eyes come in all sizes so that almost any strength of hinge can thus be made.



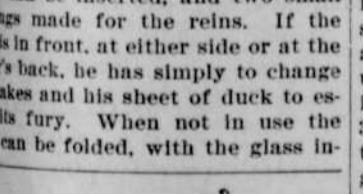
STRAP HINGE. The screws will not split it, and the round-headed screws for the pivot are possible.

Apple Pomace as Feed. There is considerable nutriment in pomace as it comes from the mill. It will eat it quite readily if fed where it begins to ferment.

Protector for Shrubs. A convenient method for protecting rose bushes and many small shrubs is shown herewith.



Windbreak for the Driver. Drivers in winter often suffer severely and unnecessarily from the cold winds. Returning home without a load shield has a chance to blow upon an unhindered.



Driver's Windbreak on Sled. It is placed in the box used as a sled. Such a contrivance will save the driver suffering and can be had at a slight cost.

Why Fattening Stock Eat Straw. Domestic animals like variety in feed much as does man himself.

Preparation for Winter. Summer farming is but a preparation for winter. Food is cheaper in summer, but prices are lower.

Cement. If you have a cement floor with breaks that must be mended, don't expect to get the new cement to adhere to the old without chipping out all loose parts of the old.

Potatoes to Be Higher. The average per acre of potatoes for 1897 is less than seventy bushels, and 1897 is less than higher than for several years.

RAM'S HORN BLASTS.

Warning Notes Calling the Wicked to Repentance. WHATEVER the heart does done well. Failure is the guide that often leads us to success.

Can any good come out of Chicago? Just as much as is put into it. Honor your wife and your honeymoon will last a life time.

Put out a fool's eyes and he will say that the world is blind. Heaven is not altogether like society; fewer people want to get into it.

Were the Golden Rule enforced by some competent authority what a wave of commotion would rock the world. "All things work together for good to them that love God."

INTERPRETED LAW. The use of the words "I hereby assign the within note" is held in Markey vs. Corey (Mich.), 36 L. R. A. 117.

On the other hand, it is held, in Spencer vs. Halpern (Ark.), 36 L. R. A. 120, that one is not liable as an indorser where he places over his signature the words "I hereby transfer my interest in the within note."

The fact that a train was running at high speed in violation of law and in breach of the promise of the engineer made to a boy who intended to jump off is held, in Howell vs. Illinois Central Railroad Company (Miss.), 36 L. R. A. 545.

Negligence in pointing a gun at another and pulling the trigger is held, in Bahel vs. Manning (Mich.), 36 L. R. A. 523, to be unaffected by the fact that the person doing it had used the ordinary means himself of unloading the gun.

An aged woman riding in a funeral procession in a carriage driven by her daughter-in-law, when it was struck by a street car at a crossing, is held, in Johnson vs. St. Paul City Railway Company (Minn.), 36 L. R. A. 586.

A conveyance to a railroad company, releasing all damages sustained or which shall be sustained by reason of the "construction, building or use" of the railroad is held, in Fremont, E. & M. V. Ry. Co. vs. Harlin (Neb.), 36 L. R. A. 417.

Lord Salisbury still keeps as a souvenir in a cabinet at Hatfield an ugly-looking stone of over a pound in weight, with which the window of a carriage in which he was seated with his two daughters was smashed at Dumfries on the evening of Oct. 21, 1884.

That is a curious custom they have in some of the South Sea Islands, said Mr. Wallace, "of marrying a girl to a tree or some inanimate object, which is supposed to act as a sort of scapegoat for the shortcomings of the real, live husband."

City farmers should give attention to the possibilities of the sunflower. A man in Brooklyn who owned a suburban tract planted it in sunflowers and obtained 100 bushels of seed to the acre.

Sea life. The forms of sea life in the upper portion of the ocean waters may descend to a depth of 1,200 feet or so from the surface; but there succeeds a barren zone, which continues to within 200 to 300 feet from the bottom.

KNOCKED OUT.

It knocks out all calculations of attending to business in the right way for a day when we wake up in the morning sore and stiff. The disappointment lies in going to bed all right and waking up all wrong.

Long Distance Signaling. The Greenwich observatory has been put into telegraph communication with that of the McGill college, Montreal, and the signals can be flashed between the two places, a distance of 3,300 miles, in three-quarters of a second.

THE LAST MAN ON EARTH. To recklessly experiment upon himself with hope of relief is the desperate. Yet the nostrums for this malady are as the sands of the sea, and, presumably, about as efficacious.

AN OPEN LETTER TO MOTHERS. We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark.

Lightning rods may be valuable if large enough and insulated sufficiently to carry a way a bolt of lightning. The common lightning rod is not of much use.

HOME PRODUCTS AND PURE FOOD. All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose. "Tea Garden Syrup" is made from sugar cane and is strictly pure.

In a recent lecture Professor Bergmann, of Berlin, stated that in 50 cases of perforating the skull for epilepsy, he knew of only one permanent cure.

Firelighters are made in Germany by twisting wood into a rope, cutting it into short lengths, and dipping the ends of the pieces into melted resin.

I believe my prompt use of Piso's Cure prevented quick consumption. Mrs. Lucy Wallace, Marquette, Kans., Dec. 12, 1895.

Try Schilling's Best tea and baking powder. The oyster is one of the strongest creatures on earth. The force required to open an oyster is more than 900 times its weight.

A Spanish woman kissed her pug dog and died of hydrophobia last week. The retributions of Providence for lack of sense are often mysterious and severe.

MRS. PINKHAM'S VICTORY. Mrs. Sidney Hamlet. Cured by Lydia E. Pinkham's Vegetable Compound.

Red House, Va.—To Mrs. Pinkham: "My heart goes out in sympathy to all who are suffering with troubles peculiar to the female sex."

"I would like to express my gratitude for what your Vegetable Compound has done for me. I have been a sufferer since girlhood; did not then know the cause of dreadful sick headaches and other troubles. I could not take long walks, lift or carry anything heavy, and was very nervous."

"Last summer I was almost an invalid; could not walk across my room without pain. I sent for our physician. He pronounced my case a bad one of 'Prolapsus Uteri,' congestion and ulceration of the womb, and said I was to lie abed. I was so distressed to find myself so helpless and useless to my family; I saw your Compound advertised and thought I would try it. I took several bottles, and used the Sanative Wash and Pills as directed, and now I am as strong as I ever was, and do all my own housework. I can walk more than a mile without any inconvenience. Oh! I am truly grateful. I cannot write the good you have done me. Words are inadequate to express it. May God bless you for the good you are doing."—MRS. SIDNEY HAMLET, Red House, Va.

Germany and China. The foreign office at Pekin says that when the bandits killed the two missionaries it ordered the governor of Shanghai to arrest the culprits, and the capture of four of them was effected, but meanwhile, indeed only one day before, the Germans landed troops and occupied the forts.

The Germans still occupy Kiao Chau, a place of great strategic and commercial importance, and show no disposition to abandon it, but, on the contrary, appear to have seized upon the murder of the missionaries as a pretext for obtaining and permanently occupying a very desirable position upon the Chinese coast, and so clear is this determination that China has appealed to Russia to interfere in her behalf against Germany.

MEAL WHO ARE WEAK BROKEN DOWN DISCOURAGED. Men who suffer from the effects of disease, overwork, worry, from the follies of youth or the excesses of manhood, from unnatural drains, weakness or lack of development of any organ, failure of vital forces, unfitness for marriage, all such men should "come to the fountain head" for a scientific method of marvelous power to vitalize, develop, restore, and sustain. We will mail without charge in a plain sealed envelope a pamphlet that tells it all. Nothing sent unasked. No exposure, no deception. Address: ERIC MEDICAL CO., 65 N. 10th Street, Buffalo, N. Y.

ERIC MEDICAL CO. 65 N. 10th Street, Buffalo, N. Y.

Last Chance!

The \$2000.00 missing-word contest closes December 31st.

Result will be announced about January 15th.

Schilling's Best baking powder and tea are because they are money-back.

What is the missing word?—not SAFE, although Schilling's Best baking powder and tea are safe.

Get Schilling's Best baking powder or tea at your grocers'; take out the ticket (brown ticket in every package of baking powder; yellow ticket in the tea); send a ticket with each word to address below before December 31st.

Until October 15th two words allowed for every ticket; after that only one word for every ticket.

If only one person finds the word, that person gets \$2000.00; if several find it, \$2000.00 will be equally divided among them.

Every one sending a brown or yellow ticket will receive a set of cardboard creeping babies at the end of the contest. Those sending three or more in one envelope will receive an 1898 pocket calendar—no advertising on it. These creeping babies and pocket calendars will be different from the ones offered in the last contest.

Better cut these rules out.

Address: MONEY-BACK, SAN FRANCISCO.

POWER...FOR... PROFIT. Hercules Gas Engine Works. Power that will save you money and make you money. Hercules Engines are the cheapest power known. Bura Gasoline or Distillate Oil; no smoke, fire, or dirt. For pumping, running dairy or farm machinery, they have no equal. Automatic in action, perfectly safe and reliable. Send for illustrated catalog. Hercules Gas Engine Works, Bay St., San Francisco, Cal.

Cooking by Solar Heat. The various experiments made with solar engines by the French in Algeria, where the sun is never overclouded and shines with great power, have been attended in some instances with marked success.

Three Classes of Men. Dr. Sanden will send you a book upon this subject, with valuable information, free. If possible, call and see his famous Belt. Try it and regain your strength. Life has a new charm to those who wear it. Call or address SANDEN ELECTRIC BELT CO., 253 West Washington St., Portland, Or.

Jerry's SEEDS. grow paying crops because they're fresh and always the best. For sale everywhere. Refuse substitutes. Stick to Jerry's Seeds and prosper. 1898 Seed Annual free. Write for it. D. M. FERRY & CO., Detroit, Mich.

Kodaks FROM \$4 UP... WOODARD, CLARKE & CO. PORTLAND, OR. Catalogue Free.

YOUR LIVER Is it wrong? Get it Right. Keep it Right. Moore's Revealed Remedy will do it. Three doses will make you feel better. Get it from your druggist or any wholesale drug house, or from Stewart & Holmes Drug Co., Seattle.

WHEAT Make money by successful speculation in Chicago. We buy and sell wheat on margins. Fortunes have been made on a small beginning by trading in futures. Write for full particulars. Best of reference given. Several years' experience on the Chicago Board of Trade, and a thorough knowledge of the business. Send for our free reference book. DOWNING, HOPKINS & CO., Chicago Board of Trade Brokers. Offices in Portland, Oregon and Seattle, Wash.

NORTHERN ILLUSTRATED SEEDS CATALOGS FREE Buell Lamberson 180 FRONT ST PORTLAND, OR.

CHILDREN TESTING. Use WOODWARD'S FOOTLOCKER always be used for children testing. It soothes the child, soothes the gums, always all pain, cures wind colic, and is the best remedy for diarrhoea. Twenty five cents a bottle. It is the best of all.

RODS For tracing and locating Gold or Silver Ore, Lead or Borax Deposits. FOWLER, Box 227, Nottingham, Conn. N. F. F. W. No. 25, 1897.

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