Looking for a Substitute.

The condition of the rubber trade brought about by the increased demand and the many new uses for rubber, has excited a great interest in the possibility of inventing a substitute.

In England a substitute called "oxilin" was claimed to be a substitute, and a clergyman of Denver, Colo., invented a substitute called "perchoid" for which the same claim was made.

These substitutes are identical in their composition, being made from linseed oil, the composition known as linoleum being the suggestion of both inventors, but the oil in the new composition is not fully oxidized, litharge being used and currents of cold air. Continued experiments yielded a more and more elastic substance, and it was found that with sulphur quite similar effects were produced, comparatively, as with rubber. Oxilin and perchoid can also be vulcanized, but in no case was it able to fulfill all the requirements of rubber. For bicycle tires it has been found to serve quite well, but it lacks the life and durability of rubber. Oxilin and perchoid can be produced at a cost of from 5 to 6 cents per pound, and this fact, coupled with the price of rubber at 80 cents per pound, and that the claimed substitutes have not been introduced with such favorable competing prices, shows conclusively that it is not likely to affect the present condition of the rubber market. Latter discoveries have worked veritable miracles, but it does not seem at all likely that a good substitute for rubber will be discovered soon.

KLONDIKE.

The cold is as bitter in many sections of our western country as any freezing corner of Klondike. Twenty degrees below zero is not an uncommon condition of winter weather, and by reason of this intense cold, rheumatism has its best chance to grow painfully intense and chronic in its continuance. We need not, therefore, borrow an idea of cold from Klondike. What we want is the best cure for rheumatism, and anywhere and everywhere, whether in freezing cold or melting heat, St. Jacobs Oil is known, valued and used as the Master Cure of this universal plague of mankind. The proof of its efficacy can always be produced, and its efficacy in the cure of the disease goes on in all conditions of weather.

Sea weeds do not draw nourishment from the soil at the bottom of the sea, but from the matter held in solution in sea water.

THE GOVERNMENT'S DOMAIN.

The commissioner of the general land office has submitted his report to the Secretary of the Interior. Compared with last year, it shows a decrease of 3,298 homestead entries, aggregating 378,625 acres. Quite proportionate to this is the falling off in general health when no effort is made to reform irregularity of the bowels. This can easily be accomplished with the aid of Hostetter's Stomach Bitters, also a remedy for malaria, dyspepsia, rheumatism and liver trouble.

In Massachusetts nearly 200 miles of state roads have been built under the direction of the state highway commissioners.

SHAKE INTO YOUR SHOES

Allen's Foot-Ease, a powder for the feet. It cures painful, swollen smarting feet and instantly takes the sting out of corns and bunions. It's the greatest comfort discovery of the age. Allen's Foot-Ease makes tight-fitting or new shoes feel easy. It is a certain cure for chilblains, sweating, damp, callous and hot, tired aching feet. We have over 10,000 testimonials of cures. Try it today. Sold by all druggists and shoe stores. By mail for 25c. in stamps Trial package FREE. Address Allen S. Olmsted, Le Roy, N. Y.

Hancock county, Ga., has begun a system of road-working by machinery, and will soon be in the van with her sister counties in respect to good roads.

After being swindled by all others, send us stamp for particulars of King Solomon's Treasure, the ONLY renewer of manly strength. MASON CHEMICAL CO., P. O. Box 747, Philadelphia, Pa.

In spite of the closest espoignage, the diamond mining companies of South Africa lose, it is said, $1,000,000 a year by theft.

Uranium has been discovered near Black Hawk, Colo., and the agents of a French syndicate have announced that they will buy all that can be produced.

FIBROID TUMOR

Expelled by Lydia E. Pinkham's Vegetable Compound.

MRS. B. A. LOMBARD, Box 71, Westdale, Mass., writes: "I have reason to think that I would not be here now if it had not been for Lydia E. Pinkham's Vegetable Compound. It cured me of a fibroid tumor in my womb.

"Doctors could do nothing for me, and they could not cure me at the hospital. I will tell you about it:

"I had been in my usual health, but had worked quite hard. When my monthly period came on, I flowed very badly. The doctor gave me medicine, but it did me no good. He said the flow must be stopped if possible, and he must find the cause of my trouble.

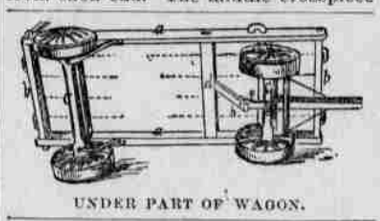
"Upon examination, he found there was a fibroid tumor in my womb, and gave me treatment without any benefit whatever. About that time a lady called on me, and recommended Lydia E. Pinkham's Vegetable Compound; said she owed her life to it. I said I would try it, and did. Soon after the flow became more natural and regular. I still continued taking the Compound for some time. Then the doctor made an examination again, and found everything all right. The tumor had passed away, and that dull ache was gone."

It can be truthfully stated that such a result can be accomplished by no other remedy upon the market, and forcibly proves the peculiar virtue of the Vegetable Compound

PISO'S CURE FOR CONSUMPTION. CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. 25 CTS.

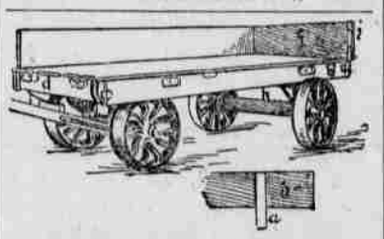
Homemade Low Wagon.

The accompanying illustrations, supplied by J. L. Newcomer to the Orange Judd Farmer, represents a farmer's wagon, which can be made at home. The wheels are from a binder truck. In the first picture, a a are beams 12 feet long and 2x1½ inches, b b 4 feet long and 2x6½ inches; the axles are 2 feet from each end. The middle crosspiece



UNDER PART OF WAGON.

d is 2 feet back of the front bolster. The front axle is 4x4 inches and is 2½ feet long measured inside the wheels. The height of the frame resting on the bolsters is 15 inches. The king bolt is 20½ inches long and goes through the bolster and axle at e and is kept in place by means of a key. The short piece of iron h is bolted to the cross-piece d and attached to the iron g. The side boards can be taken off at will, which leaves the top perfectly flat. These are 10 feet 7 inches long on the side and 12 inches high. The end boards are 4 feet 4 inches long with 2



SIDE VIEW OF WAGON.

inch slats nailed on to keep them upright. In Fig. 2, e is the sideboard, f the end board, g the side beam, d the cross beam, h the back axle and c the tongue. This wagon cost me $3, besides my own work, and I did all of it except the blacksmithing. Every man who has a fair set of tools can build this. It is very useful in hauling corn fodder, manure, stone or almost anything on the farm. The front axle is made short so that there is less difficulty in turning.

Breeding for Eggs.

One of the best methods of increasing the capacity of fowls for egg production is to set the eggs of those fowls which are themselves most prolific of eggs. It is, of course, assumed that the hens are mated with full-bred cocks of the best egg-producing breeds. There are even in full-bred fowls some individual peculiarities which count for much, and one of these is the propensity to give the largest part of bodily energy and feed to egg production. The hens that are best for this purpose are always lively, and have particularly bright red combs. When they stop laying they are not mopish and do not fatten, but continue lively and soon begin laying again. A flock of fowls bred from such hens, and thus continued for three or four generations, would produce a breed whose chief distinction would not be form or color, but the ability to produce the greatest number of eggs in a season.

A Farm Signboard.

As a means by which the farmer may make known his wants to his neighbors and those who pass his place the editor of the Michigan Farmer recommends a farm signboard of planed and

FARM SIGNBOARD.

matched lumber surrounded by a molding, with the name of the farm and its owner painted in large white letters on black background at the top, and with its lower part painted with black paint and liquid slating for using crayons in advertising what you want to buy, procure or dispose of. The accompanying sample signboard illustrates the idea better than columns of verbal description.

Cure for a Horse's Cold.

When a horse has contracted a slight cold, simply producing a hacking cough, due to a tickling in the throat, a tablespoonful of the following powder will generally give relief: Powdered chlorate of potash, one-half pound; powdered squills and licorice root, of each two ounces, and granulated sugar, one pound; mix well all together. Horses will generally lick this if thrown into the feed box. If they do not, put a little dry wheat bran or chopped feed upon it three times per day. If this does not relieve, apply a stimulating liniment along the windpipe and upon the glands of the throat. One composed of aqua ammonia, one ounce, olive oil, four ounces, is a good one.—Stockman and Farmer.

Mistakes in Strawberry Growing.

Not subsoiling.

Planting too closely.

Growing small berries.

Planting too many varieties.

Using dirty, second-hand boxes.

Not cutting strawberry runners each week.

Placing too high an estimate on probable profits.

Not keeping close watch on the leaf roller insect.

Using newly turned sod for strawberry planting.

Allowing the small berries to go to market.

Not finely pulverizing the soil before planting.

Not studying and watching the needs of the market.

Not taking two or three good horticultural journals.

Not cultivating at least once per week during drought.

Employing pickers who do too much talking while at work.

Not being strictly honest in the measuring and grading of berries.

Allowing too many runners to grow when it is intended to grow the fruit.

Driving.

The first requisites of a good driver are a cool head, a watchful and a ready finger, with a quick understanding of the needs and requirements of his horse, says Our Animal Friends. He must also be ready to detect any object by the roadside that would be likely to annoy the horse, and to comprehend in a glance the character of the road that lies ahead of him. No quick-tempered, loud-voiced man can expect to have a quiet, obedient horse, and the undue haste of the impatient driver to correct what seems to him misbehavior is one of thne reasons why so many horses are dangerous to drive. Much of the abuse, however, to which the horse is subjected arises more from ignorance and carelessness than from wanton cruelty. Few persons give proper attention to the details of driving, forgetting that it is attention to detail which makes the difference between the expert driver and the unskilled.

For the Ice Harvest.

Farmers are more and more coming around to the plan of putting in a summer's supply of ice during the winter season. The cut shows a very convenient way of loading the ice from the water directly upon the sled. The lever picks up a cake and swings it around upon the sled platform. Such a rig can be fitted up in half an hour, and will

FOR HANDLING ICE.

be found a very easy and expeditious method of gathering ice.—New England Homestead.

The Cost of an Egg.

The cost of an egg in the Eastern States is estimated at one cent, but this depends on the prices of grain. If meat, milk, cut bone, chopped clover and cooked potatoes are given, the cost will be less; not because the meat can be purchased at less than the grain, but because the feeding of a variety and a balanced ration will induce the hens to lay more eggs. The greater the number of eggs laid the lower the cost proportionately, and it is possible to produce eggs at a cost of only half a cent each.—P. H. Jacobs, in Farm and Fireside.

Wintering Plants in Cellars.

Plants are placed in the cellar to rest, not to grow. Nothing is more harmful to them when thus stored away than water, and it should never be given unless to keep the soil from becoming dust dry. In early spring, if the buds on the plants are seen to be starting a little, do not give water, which would only favor their growth, but keep as dry and cool as possible, until time to take them out of the cellar.—Vick's Magazine.

Farm Notes.

Purchase bran and oil meal to feed with the straw.

A good dairy cow is always a hearty eater and drinker.

It is a safe plan to apply all manure on a plowed surface.

The old-time grasses hold their own against all newcomers.

The successful farmer now must be a wide-awake business man.

When early pigs are wanted it is best to depend upon matured sows.

Plan to grow as far as possible all of the grain grown on the farm.

The advantage in grinding feed depends largely upon how it is fed.

Do the most of the farm work with good brood mares or growing colts.

When the hogs begin to bed close together is the time to look for lice.

During the winter comfort is an important item in securing a good gain.

A calf will never get over the effects of being stunted during its first winter.

"I think we met on a previous occasion," said the affable man. "Are you sure it wasn't a subsequent one?" replied the crusty one.

Jill—"Is Gill a good judge of cigars?" Bill—"I think he must be. He had two last night, and he gave me one. He must have kept the best one."—Yonkers Statesman.

In their stateroom: Brown—"Confound you, you're using my toothbrush!" Sonderhausen—"I beg your pardon. I tinked it vos ze ship's."—Pick-Me-Up.

Jabbers—"I woke up last night and found a burglar in my room." Havers—"Catch him?" Jabbers—"Certainly not. I'm not making a collection of burglars."—Puck.

He—"I told your father we expected to be married next month, and he was wild." She—"What did he say?" He—"He wanted to know why we couldn't make it next week."—Puck.

"Once a friend of mine and I agreed that it would be helpful for each of us to tell the other his faults." "How did it work?" "We haven't spoken for nine years."—Chicago Record.

Hubbard—"Simpkins has got over his nervous prostration." Pease—"How can you tell?" Hubbard—"Why, I met him on the street last night, and he wanted to borrow twenty dollars."—Puck.

The Count—"I haf been told, madame, your daughtaire haf ze bad temparre." The Mamma—"Ah, yes, count, but you know she loses her temper so easily." The Count—"Ah, how loatly."—Detroit Journal.

"At no time," said the philosopher, "is a man so willing to take the burden from the weak shoulders of frail woman as when she is harassed with the care of a large and paying property."—Indianapolis Journal.

He—"The sight of an old school-mate is—er—well, it might be called both meat and drink." She—"Yes, that's what you men usually do under the circumstances." He—"Eh?" She—"Meet and drink."—Indianapolis Journal.

"I suppose classical music is all right in its place," said Maud. "I'm sure it is," replied Mamie; "I don't care to listen to it myself, but sometimes you have to play it in order to get a man to go home."—Washington Star.

"These shoes you sold me last week squeak so that they keep me awake nights," said the customer, entering the shoe-store. "My dear sir," replied the shoe-dealer, reassuringly, "you shouldn't sleep in them."—Yonkers Statesman.

Valet (to officer's fiancee)—"My lieutenant has sent me to bring you this bouquet of flowers plucked by his own hand." Fiancee—"Oh, how poetic! And how long it must have taken to gather them!" Valet—"Indeed, miss, it took me nearly three hours."

Clerk—"I wouldn't like to cut this piece of lace just for one yard, madam; and, besides, that isn't enough to trim anything." Shopper—"Oh! I didn't want it for trimming; but it's so nice to have a piece of lace about the house as an heirloom, you know."—Puck.

"Do you like being under the mistletoe?" he asked, tenderly, just after the thirty-ninth kiss. She looked into his eyes and sighed. "All I have to say," she murmured, "is that my last dying wish will be to have some of it planted on my grave." Then they resumed.—Puck.

"Why has Mrs. Langdon left her husband and gone back to her parents?" "She got to rummaging through his papers the other day and found the receipt for his first wife's engagement-ring. It cost twenty dollars more than he paid for the second one."—Chicago News.

African Explorer (dumbfounded)—"What, you, Clarence Vere de Vere, in the heart of darkest Africa! What in the world are you doing here?" Clarence Vere de Vere—"I'm wearing the necktie Miss Darling gave me for Christmas. I promised her I would, you know!"—Puck.

"You have been very generous in buying Mabel new gowns," remarked Mrs. Cumrox. "Yes," was the reply; "I don't like that man who pays her so much attention." "I don't see what that has to do with it." "I desire to give him something to think about when I ask him if he can support her in the style to which she has been accustomed."—Washington Star.

Papa Brindle—"Matilda, I seriously object to you encouraging the attentions of that young Spooler. He is the most rakish-looking youth I ever saw." Matilda—"What do you mean, papa?" Papa Brindle—"Why, I mean the way he wears his hat on one side." Matilda—"That isn't rakishness, papa." Papa Brindle—"What is it, then?" Matilda—"It's a boil."—Cleveland Plain Dealer.

"I never saw a man so cut up as old Rox is over the death of his book-keeper. And yet you have always said that he had no heart and regarded his employes as mere machines." "I'll tell you something on the quiet. The book-keeper was about three thousand dollars behind in his accounts, and old Rox was keeping him on and making him work it out."—Cincinnati Enquirer.

"Oh, pa!" exclaimed the dear girl, her sapphire eyes brimming with unshed tears, "how can you say that society is hollow?" "Why shouldn't I?" retorted pa, with a coarse laugh that betrayed the fact that he had paid more attention to making money than to acquiring polish—"why shouldn't I, when I have to pay the bills for feeding the gang that you have here at your blowouts?"—Indianapolis Journal.

Use only *one* heaping teaspoonful of *Schilling's Best* Baking Powder to a quart of flour.

You must use *two* teaspoonfuls of other baking powder.

600

One of the stations of the railway which is to be built from the Red sea to the top of Mount Sinai will be on the spot where it is supposed Moses stood when he received the two tablets of the law.

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.

I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years. Look Carefully at the wrapper and see that it is *the kind you have always bought*, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President.

March 8, 1897. SAMUEL PITCHER, M.D.

It is reported from Bombay, India, that Dr. Yersin has had much success with his anti-plague serum, the only cases not amenable to treatment being those where the disease is too far advanced.

CATARRH CANNOT BE CURED

With local applications, as they cannot reach the seat of the disease. Catarrh is a blood or constitutional disease, and in order to cure it you must take internal remedies. Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces. Hall's Catarrh Cure is not a quack medicine. It was prescribed by one of the best physicians in this country for years, and is a regular prescription. It is composed of the best tonics known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wonderful results in curing catarrh. Send for testimonials, free.

F. J. CHENEY & CO., Proprs., Toledo, O.
Sold by druggists, price 75c.
Halls Family Pills are the best.

A curious present for a deaf person in Germany is a fan, deftly concealing a tiny ear trumpet in its stick.

HOME PRODUCTS AND PURE FOOD.

All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose. "*Tea Garden Drips*" is made from Sugar Cane and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by the PACIFIC COAST SYRUP CO. All genuine "*Tea Garden Drips*" have the manufacturer's name lithographed on every can.

I shall recommend Piso's Cure for Consumption far and wide.—Mrs. Mulligan, Plumstead, Kent, England, Nov. 8, 1895.

Woman is a subject never mentioned in Morocco. It would be considered a terrible breach of etiquette to ask a man about his wife.

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 effectually, 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 commend it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 50 cent 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.

FAT FOLKS REDUCED 15 to 25 pounds per month. HARMLESS; no starving; 22 years' experience. BOOK FREE. Address DR. SNYDER, P. McVicker's Theatre, Chicago, Ill.

A boon for vegetarians is peanut butter, which surpasses the best dairy butter in purity, and is found to be especially well adapted for use in gravies for shortening. An extensive demand is expected.

According to the premier of New Zealand, a homing pigeon flew from Victoria to New Zealand in three days. The distance is about 1,000 miles, and the bird must have flown without rest at a speed of about 15 miles an hour.

ELECTRIC LIFE-GIVER

Dr. Sanden's Electric Belt.

It is grand to feel strong. You who are weak know what a precious gift manly vigor is. This electric life-giver will develop all vital powers. It fills the body with sparks of life that expand the muscles, nerves and brain. It brings happiness and strength to those who are weak. Send for the book, "Three Classes of Men," free, closely sealed. Address

SANDEN ELECTRIC BELT CO.
253 West Washington St., Portland, Or.
Please mention this Paper.

The best seeds grown are Ferry's. The best seeds sown are Ferry's. The best seeds known are Ferry's. It pays to plant FERRY'S Famous Seeds. Ask the dealer for them. Send for FERRY'S SEED ANNUAL and get all that's good and new—the latest and the best. D. M. FERRY & CO., Detroit, Mich.

FOR 14 CENTS

We wish to gain 150,000 new customers, and hence offer

1 Pkg.	13 Day Radish,	10c
1 Pkg.	Early Spring Turnip,	10c
1 "	Earliest Red Beet,	10c
1 "	Bismarck Cucumber,	10c
1 "	Queen Victoria Lettuce,	15c
1 "	Klondyke Melon,	15c
1 "	Jumbo Giant Onion,	15c
3 "	Brilliant Flower Seeds,	15c

Worth $1.00, for 14 cents.

Above 10 pkgs. worth $1.00, we will mail you free, together with our great Plant and Seed Catalogue upon receipt of this notice and 14c. postage. We invite your trade and know when you once try Salzer's seeds you will never get along without them. Potatoes at $1.50 a Bbl. Catalog alone 5c. No. P.C.

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WHEAT Make money by succesful 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 SEEDS GROWN 363 ILLUSTRATED CATALOGS FREE Buell Lamberson 180 FRONT ST PORTLAND, OR.

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.

MAP OF ALASKA—Endorsed by the Department of the Interior and to be used by U. S. army officers detailed to Alaska. The best and most detailed map of Alaska in existence. Will be mailed upon receipt of price (50c) in 2c stamps, or money order. RUDOLPH KRAFT, Publisher P. O. Box 111, Portland Or.

"CHILDREN TEETHING." MRS. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for diarrhœa. Twenty five cents a bottle. It is the best of all.

RODS for tracing and locating Gold or Silver Ore, lost or buried treasures. M. D. FOWLER, Box 237, Southington, Conn.

N. P. N. U. No. 5, '98.

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