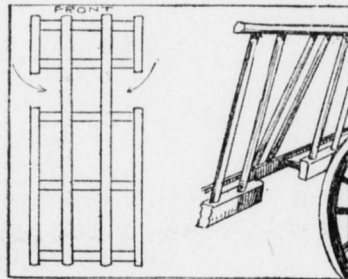




"CUT-UNDER" HAY RACK.

Easy to Make If One Is Handy with Tools.

A "cut-under" hay rack: Hay racks are easy to make if one is handy with tools. The cut shows a diagram of the bottom framing, with the outside sills severed to give the front wheels a chance to "cut-under." The two



Explanatory Diagram.

Inner sills, says Farm Journal, are a trifle heavier than the outer ones. The cross strips should be of hard wood. The second cut shows how the side uprights are put in around the open space. The two uprights have their ends in the inner sill, and their tops in the top rail as the others have.

PROPER LOCATION OF DRAINS.

Before Beginning Work Make Accurate Map of Area to Be Drained.

John T. Stewart, in an address to Minnesota farmers, said:

The basis for all drainage improvements is an accurate map of the area to be drained. Such a map, known as a topographic map, should show all local improvements, the boundaries of lands to be benefited by the drainage and the boundary of the watershed. It should also show the elevation above a fixed point of all sloughs, low lands and the tops of ridges through which it might be necessary to construct the outlet channel, and wherever practicable and funds are available five-foot contours should be sketched of the field.

With such a map the engineer can determine the best outlet and route for the proposed channel. On this map the location for the proposed drains can be laid out, their grade, size and approximate cost determined, after which the ditch may be staked out on the ground, making such minor changes as are found necessary by closer study of the route. Where a detailed survey has been made and the notes plotted it is economy to establish a few permanent marks, from which the survey could be continued, or another engineer at some future time could take up the work where it has been left off without having to duplicate that which has already been done. Land owners should select points for these marks where there is little danger of their being molested and then see to it that they are preserved.

Farmers as a rule do not realize the advantages in preserving survey monuments. This fact alone has been the cause of a waste of much money by the duplication of work. Surveys for drainage often costing several hundreds of dollars, have frequently been made, and where the construction work was not carried out the notes and plats were never filed and no permanent mark left. When the work is taken up a few years later, it is necessary to duplicate the survey. A few additional dollars spent in making permanent marks and in preparing the records for filing would have preserved the entire work for future use.

In many cases an engineer is employed to stake out a drain on a route which is supposed to be the best one, no examination is made for another route or outlet, the area of the watershed is not looked up. As a result the size of the ditch is merely a guess. Time may develop the fact that the best route was not selected, and the ditch is either too large or too small, and consequently does not perform its work satisfactorily. A ditch being improperly located either does not drain all the land it should, or is expensive to construct or maintain.

Select Seed Corn Early.

I find it advisable to select my seed corn about the middle of October, writes a Whiteside county (Illinois) farmer in Farmers' Review. The general practice here is to select the seed corn when it is being husked. Not more than ten per cent. of the farmers select their seed in the field. Nearly all the farmers, however, keep their corn unshelled. Farmers here have corn shellers, which they use in shelling their seed corn, and most shell off the tips and butts to prevent these seeds from going into the seed corn, and I believe this is a good practice. I hang my seed in a well-ventilated room until it is thoroughly dry, and then I take it upstairs in the house and hang it in a room that always has a fire under it and the stove pipe running through it. I recommend this as a good practice to be followed.

Keep Wagon Jack Handy.

You will graze the wagon oftener if you have a wagon jack handy. The load will pull lighter and the horses will say "thank you" now and then.

CARE AND USE OF STRAW.

How the Farmer Can Make It Count for the Most.

In the care and use of straw the first requisite is to begin caring for the straw at the proper time, which is when the grain is mature enough to insure its becoming thoroughly dry in shock, stack or barn before being threshed. Having cut and shocked the grain at the proper season, the next requisite is to house or stack carefully, housing being preferable to stacking, of course, for both grain and straw. Permit the observation in this connection that either straw or hay stacked out will soon be a thing of the past. After having permitted grain to remain in barn a sufficient length of time to insure a right condition for threshing, secure the services of a thrasher whose work it will be to store away straw in shed and grain in granary, or otherwise, if so directed. The straw is now in shed, well cured and in good condition for feed, bedding or for market if desirable; but we would confine its uses to the farm, as the farm from which the straw is marketed becomes, in the course of time, sterile.

Shortly after threshing is done the season is at hand when the stock which has been roaming over the green pastures all summer will enjoy having shelter over them at night and a nice clean dry bed whereupon they may lie. Now the straw which has been so nicely cared for in the shed will not only furnish the above comforts for the stock, but will afford variety in the way of food for change from the more nutritious kinds of feed, which are, of course, indispensable. After winter has set in and the weather has become severe it will become necessary to have shelter for the stock and feed within their reach all the time. The shed with the straw therein will supply both of the above and will also keep droppings and bedding in condition to be spread upon the fields as fertilizer, thus repaying the farmer for caring for his straw and stock.

The shed and stables in which the straw bedding has been used may be cleaned out at the farmer's leisure when weather is reasonably fair. It should be done, however, only when necessary for proper care and cleanliness of stock, as by permitting the fertilizer to remain in shed rots it and makes it all the richer when it is not exposed to washing rains and snows. Many more uses for straw on the farm might be given, but this article is sufficient to convince all that straw pays for its care.

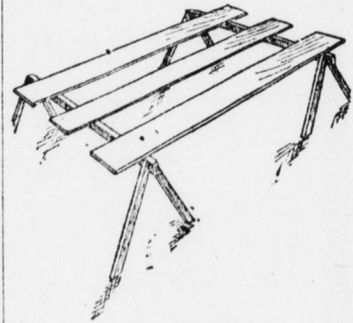
AXLE GREASE.

It Does Not Pay to Use Any But the Best.

The usefulness and durability of a wagon or dray depends greatly upon the proper care of the wheels and axles. The prevailing idea among both farmers and draymen is that grease is grease anywhere and it doesn't matter much what kind or how it is applied, just so it is applied. Many wagon owners cut the boxings out of their wagon wheels by some inferior lubricant. Many of these run and leave the spindle dry or form a stiff, gritty substance in the wheel which is very bad. The right axle grease should have proper body; should not be so thin as to run nor so thick as to cake. There are plenty of reliable axle greases on the market and there are plenty which are not reliable. Get a good, expensive kind and stick to it. It pays every time.

RACK FOR HUSKING SHOCK CORN
Makes the Task Much Easier and One Can Work Faster.

Place boards 12 or 14 feet long on two common carpenter's horses to



A Husking Rack.

make the device shown in the accompanying illustration for husking shock corn.

HELPFUL FARM HINTS.

Hay and harvesting are at hand, but the machinery does most of the work.

It is better to sacrifice a few bushels of grain than to cut down a fine row of trees.

The latest use of cement is in the construction of tile, which proves to be more durable than clay and nearly as cheap.

When your soil is infested with sorrel you may know that it is acid and needs lime. Sorrel will not grow except on acid soil.

Courage and perseverance are valuable assets for the farmer. There are many discouraging things in farming, but the good men are the ones that never say die.

Honest Poultry Dealers.

When you hear of a dishonest breeder of the poultry, don't think that all of them are alike. The average poultryman regards his business in a different light from that of mere "graft" or money-making.

The General Demand

of the Well-Informed of the World has always been for a simple, pleasant and efficient liquid laxative remedy of known value; a laxative which physicians could sanction for family use because its component parts are known to them to be wholesome and truly beneficial in effect, acceptable to the system and gentle, yet prompt, in action.

In supplying that demand with its excellent combination of Syrup of Figs and Elixir of Senna, the California Fig Syrup Co. proceeds along ethical lines and relies on the merits of the laxative for its remarkable success.

That is one of many reasons why Syrup of Figs and Elixir of Senna is given the preference by the Well-Informed. To get its beneficial effects always buy the genuine—manufactured by the California Fig Syrup Co., only, and for sale by all leading druggists. Price fifty cents per bottle.

SHE GOT HER MAN—HAPPY.

Indian Woman Not Likely to Be Left Far Behind in Life's Battle.

Writing of the famous Dean Kaye of Topeka, in Suburban Life, Paul A. Lovewell, says:

"Dean Kaye has had interesting experiences during his sojourns in the wilderness. Once an Indian woman came to his cabin.

"'You marry?' she asked.

"'Yes,' said the dean, 'I can marry folks. Have you got a man?'

"'Again the woman grunted, and departed. About sundown she returned, dragging with her an apparently abashed and reluctant brave.

"'Got him,' she remarked, laconically, producing her marriage license. The man knew no English, but the woman prompted him when it became necessary for him to give his assent to the dean's questions. When it was over the squaw paid the minister his fee and led her husband away in triumph."

ONLY A COW.



Artist (who has been bothered by rustics breathing on him all the morning)—My good fellow, I assure you that you can see the sketch with more advantage from a little distance!

Nailing Him.

He—It's jolly nice to kiss one you like.

She—(No answer).

He—That is, of course, if she doesn't mind.

She—(No answer).

He—If she gets mad it's altogether another thing.

She—(No answer).

He—I'd like to steal a kiss now—

She—(No answer).

He—If it would be quite safe.

She—Have you finished?

He—Oh, yes!

She—Then how can you make so many fool remarks when you see that I am alone and entirely at your mercy?—Young's Magazine.

Populous China.

The population of the Chinese empire is largely a matter of estimate. There has never been such census of the empire as that which is taken every decade in this country. But the estimate of the Almanach de Gotha for 1900 may be taken as fairly reliable. According to that estimate, the population of the empire is, in round numbers, about 400,000,000. It is probably safe to say that if the human beings on earth were stood up in line every fourth one would be a Chinaman.

Even the Hash.

Embarrassed in the fashionable restaurant by the menu written in French, the Wall street man of business exclaimed:

"Hang these froids, entremets and hors d'oeuvres—bring me a plate of good plain hash, if you've got such a thing on the premises."

"You mean an olla podrida, sir," said the waiter, in a tone of dignified reproach. "And afterwards?"

SPORN'S DISTEMPER CURE will cure any possible case of DISTEMPER, PINK EYE, and the like among horses of all ages, and prevents all others in the same stable from having the disease. Also cures chicken cholera, and dog distemper. Any good druggist can supply you, or send to manufacturers, 50 cents and \$1.00 a bottle. Agents wanted. Free book, Sporn Medical Co., Spec. Contagious Diseases, Goshen, Ind.

Cause of the Break.

"What caused that awkward break in the conversation?" "Some one dropped the subject."—San Francisco Argonaut.

Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

He has no force with men who has no faith in them.

It Cures While You Walk. Allen's Foot-Powder for corns and blisters, hot, sweaty callous aching feet. 25c all Druggists.

It's easy to get tangled up in truth's castoff clothes.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors all fibers. They dye in cold water better than any other dye. You can dye any garment without ripping apart. Write for free booklet—How to Dye, Bleach and Mix Colors. MONROE DRUG CO., Quincy, Illinois.

LEST HE FORGET.
No Roseate Postcard Without Its Thorn of Suggestion.

Harold's mother—we'll call him Harold—went abroad a month ago, leaving Harold under the somewhat unsubstantial control of his elder sisters.

In spite of the itemized directions with which even unto the moment of final leave-taking she had not ceased to bombard him, Harold's mother was far from sure that her efforts would have any lasting effect.

Her voyage was more or less disturbed by these doubts, but before she landed on the other side she had determined on a course of action. Like all small boys, Harold is most covetous of picture postcards and had looked forward to a harvest from his mother's trip. He got it.

Every day she sent at least one card. And whatever else it bore in the way of inscription, there was not one which failed of this introduction: "Just as soon as you get this go and brush your teeth."

EGOISM.



Mistress—Bridget, it always seems to me that the crankiest mistresses get the best cooks.

Cook—Ah, go on wid yer blarney!

Microscopic Writing.

A remarkable machine made by a lately deceased member of the Royal Microscopical society for writing with a diamond seems to have been broken up by its inventor. A specimen of its works is the Lord's prayer of 227 letters, written in the 1,237,000 of a square inch, which is at the rate of 53,850,000 letters or 15 complete Bibles, to a single square inch. To decipher the writing it is necessary to use a 1-12-inch objective, which is the high power lens physicians employ for studying the most minute bacteria.

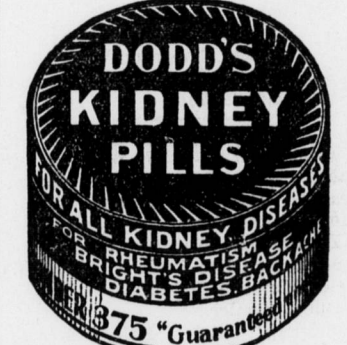
\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address F. J. CLEGG & CO., Toledo, O. Sold by all Druggists, 75c.

She Lost Out.

"I'd rather wait than eat," confided the summer girl.

"Then we'll just have another dance instead of going to that fashionable restaurant," responded the thrifty swain. "And," he added mentally, "that's \$6 saved."—Kansas City Journal.



SICK HEADACHE

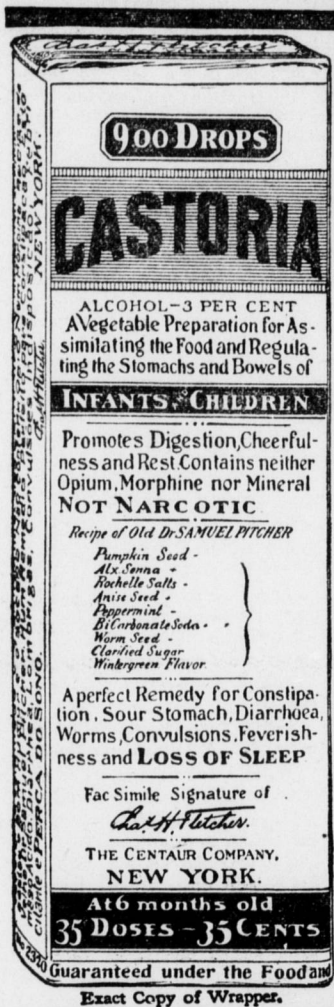
Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Hearty Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER. They regulate the Bowels. Purely Vegetable.

SMALL PILL. SMALL DOSE. SMALL PRICE.

Genuine Must Bear Fac-Simile Signature. REFUSE SUBSTITUTES.

Clothing Made to Order at the Mill. Buy your clothing direct from the mill. Cut out the dealer's profits. Suits and overcoats. MADE TO ORDER handsomely trimmed. Material, workmanship and guaranteed. Many patterns to choose from.

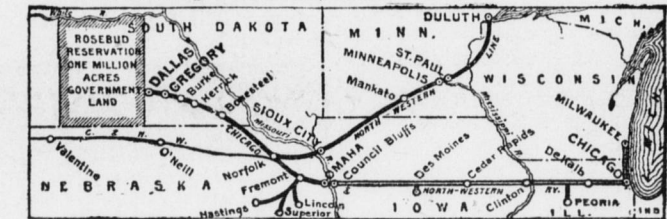
Men's and Youths' Suits AND OVERCOATS. MADE TO ORDER. \$10.00 to \$18.00. Our \$12.50 Suits a Big Value. We make a specialty of suits at this price. They are of exceptional value. We have sold thousands of these suits, and we have testimonials from satisfied customers in all parts of the country. Express charges paid. Write for samples of cloth and style book. GLEN ROCK WOOLEN CO., 210 Main St., SOMERVILLE, N. J. A. N. K.—C (1908—39) 2249.



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At 6 months old
35 Doses—35 CENTS
Guaranteed under the Food and Drug Act
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ROSEBUD GOVERNMENT LANDS

BEST REACHED FROM DALLAS
Dallas and Gregory, S. D., are reached only by the Chicago & North Western Railway. They are the only towns on the reservation border. Dallas and Gregory are the main registering points. President Roosevelt has designated Dallas for the final drawing October 19, 1908.



The Chicago & North Western Ry. is the only all-rail route to the reservation.

A million acres of fertile agricultural and grazing land in the great Missouri Valley Corn Belt is to be opened to Homesteaders October 5 to 17, 1908. For information about how to get a homestead with details regarding rates, train schedules, address
W. B. KNISKERN
Pass'r Traffic Mgr., C. & N. W. Ry.
Chicago, Ill.

Shortest Line to Rosebud Reservation

The opening of the Rosebud Reservation, October 5 to 17, next, will give over 5000 people each a choice farm in Tripp County, South Dakota, for a small sum per acre. 838,000 acres will be opened. People drawing one of these farms must pay \$6.00 an acre: one-fifth down, balance in 5 years. Chamberlain and Presho, South Dakota, are places of registration. Both are located on the shortest line to the reservation from Chicago—the

CHICAGO MILWAUKEE & ST. PAUL RAILWAY

The best of these lands are located in the northern part of Tripp County, easily reached from both Chamberlain and Presho. All persons, except certain soldiers, must be present in one of these towns for registration. Presence at the drawing is not required. Those who draw one of these farms will be notified by mail. Rosebud folder, containing map, and giving full particulars free on request.

F. A. MILLER,
General Passenger Agent,
Chicago.

Send For Free Catalogue
"How to Make Money Selling Goldfish." Makes business lively around your store when everything else fails. BIG profits and QUICK returns. Full line of aquarium supplies. Write to-day.
AUBURDALE GOLDFISH COMPANY
51 North Peoria Street,
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Douglas, Ariz., Offers You an Opportunity to make money. Rarest copper, gold and silver mining district known. Million acres fertile farming land free. Delightful climate all the time. Pure water plentiful. Merchants, jobbers, manufacturers, farmers, investors needed. Address Dept. C, Chamber of Commerce, Douglas, Arizona.

We, Wholesalers of California Lands wish agents in all portions of the U. S. Can you sell the "Best land in this Wonderland" irrigated from United States Government ditch. We can give you a subdivision on a commission basis. Armstrong, Gattman & Co., 227 Montgomery St., San Francisco, Cal.

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MADE BY THE OLD DUTCH PROCESS.
DEFIANCE STARCH nearest to work with and starches clothes nicely.