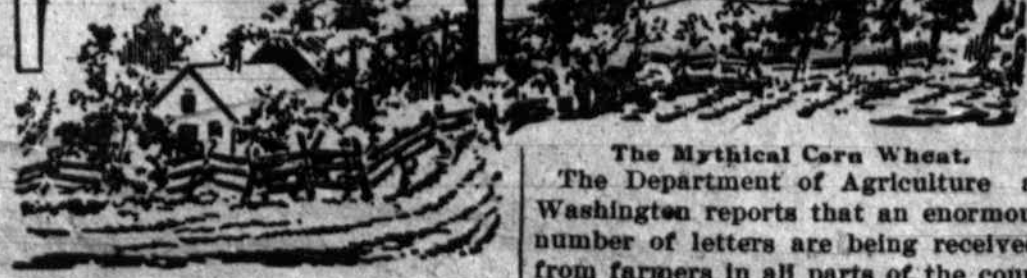
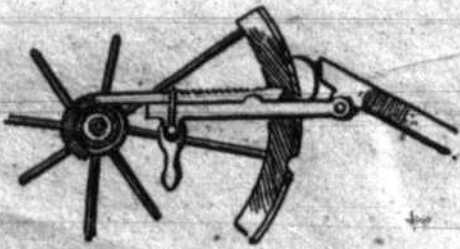


# FARMS AND FARMERS



## Wagon Wrench and Jack.

When a team gets stalled with a heavy load and the driver uses every means of persuasion, from the whip to bad language, to urge the horses to start the wagon, nearly every passer-by has a feeling of sympathy for the animals and a desire to caution the driver against cruelty. A more practical thought than these has entered the mind of a Missourian, resulting in the invention of a simple apparatus, which can be carried on every wagon for use in emergency of this kind. Instead of "putting his shoulder to the wheel" the driver will get out his wrench, secure it in position and exert his strength at the end of the long



ASSISTS TEAM WITH A HEAVY LOAD.

lever, lifting and rolling the wheel out of the rut or up the grade. The arrangement consists of a pair of hook members, which engage the hub and are adjustably secured to the arms pivoted to the lifting lever. The latter has a tilting shoe, which engages the face of the wheel as pressure is exerted on the level. The device will fit any diameter of wheel by loosening the cams which connect the arms with the hooks, and adjusting the latter at the proper length. By placing the hook ends on the ground and the end of the lever beneath the axle this device can also be used as a wagon jack to replace the one which teamsters usually carry.

## A Thing to Do.

Another thing we general farmers ought to do, and that is set out more forest trees. Did you notice the story of that old walnut bridge in Indiana that a certain company wanted so badly that they were willing to put up a good steel bridge in the place of it? The wood, they thought, would be worth more than the steel bridge. And the men who controlled the walnut bridge refused the offer. Now, this state of affairs is likely to continue. Our forests are vanishing, and unless you and I, the general farmers of the country, get right down to business and plant trees the day is near at hand when fencing and building material will be worth almost as much as gold. Every farm ought to be turned into a little forestry station. We can easily get the seeds of such trees as are indigenous to our locality and plant them. Time will do the rest, and some day the world will thank us for doing what we did.—Up-to-Date Farming.

## Harness for Unruly Sow.

There are several devices for overcoming the proclivities of some swine to eat their young, but none of them better than the method shown in the illustration, which consists in making a harness and attaching it to the animal in such a manner that she can not get it off. At the same time this harness does not prevent the animal from eating slop or shelled grains. Little explanation is necessary about this harness, for the cut shows how it is made and adjusted. The essential feature is to have the strap back of the forelegs adjusted tightly enough so that the animal can not slip it over her head. It must also come close enough to the forelegs so that there will be no chance of its slipping. The harness should be made of heavy leather well joined with rivets. The expense of such a harness as shown is small and several of them can be made if necessary so that any and all of the pig-enters may readily be kept from doing mischief.

## Farmers and Canners.

The Farmers' Protective Association of Central New York is making trouble for the canning factories in setting prices for which the members are willing to grow their produce instead of taking the prices offered, as heretofore. The scale adopted is considerably in advance of what was received by farmers last year. Some factories have granted a slight increase. In Maryland there are much agitation and conflict between growers and packers of tomatoes along the eastern shore.—Country Gentleman.

## The Mythical Corn Wheat.

The Department of Agriculture at Washington reports that an enormous number of letters are being received, from farmers in all parts of the country, asking for definite information concerning a so-called new grain designated as "corn wheat." Samples for trial are asked by most of these inquirers. The department says that these letters are obviously the result of widely published untruthful newspaper articles. The department authorizes the statement that there is no such thing as "corn wheat," and that it is not probable corn and wheat can ever be crossed, and that it is a certainty, if they were, that the hybrid would not be fertile. The grain which has caused the furor, the department says, is known correctly as Polish wheat, although the grain is not a native of Poland, as the name suggests. Its original home is in the Mediterranean region. The heads and grains of this wheat are very large, the grains being, in many cases, twice as large as those of ordinary wheat. The statement that it yields from sixty to 100 bushels per acre, however, is an exaggeration, although there may be instances in Idaho and Washington, where the ordinary wheat yield is large, where the crop may be sixty or seventy bushels per acre. The experiments made by the department with the Polish wheat have generally shown that the yield is disappointing. The new wheat has been grown, except experimentally, in but few places in this country. From the experiments so far made the inference is that the grain may be very good as a hog food. But Polish wheat is much restricted in its adaptability, and, the department says, cannot be successfully grown anywhere east of the Mississippi River, but only in the great plains region in Washington, Montana, Idaho and the other parts of the Pacific States where the grain is grown.

## Onion Culture Profitable.

Onion growers are feeling more hopeful over the prospects than for a number of years back, for the prospect is for good prices for several years ahead. While there is little chance that prices will reach the figures of twenty years ago, when onion growing was so profitable, the prospects are, at least, encouraging. One of the best classes of onions for profit is the Southport Globe, illustrated herewith. The improved strain of globe onions was given the name Southport, and both the white and yellow sorts are superior to the old globe varieties. The red Southport does well in many sections, but is not so reliable as the red Weatherfield. Both the white and yellow Southports are of good size, most attractive in appearance and are excellent keepers. Both are also late sorts and heavy yielders. The Southport Globes are well worthy of attention on the part of onion-growers.



SOUTHPORT.

## Sore Shoulders for Work Horses.

The heavy work season of the farm nearly always occasions galled or sore shoulders of work horses. Here is a simple and cheap way to prevent this: "Take an ordinary sweat pad and cover the surface next to the shoulder with white soft oilcloth. Be very careful to have it put on very smooth, without any wrinkles or lumps on its surface. The cover is put on by neatly sewing it with strong thread, so that it will not become displaced. The trouble with the horses' shoulders in this respect is caused by sweating, and as the oilcloth presents a cool, dry surface and does not hold the dampness as leather or cloth does, it prevents the shoulders from becoming sore in almost every instance."—Indiana Farmer.

## Wool Clip of 1902.

The world's wool clip for 1902 is estimated at 2,711,061,571 pounds. Of this quantity Europe furnished 944,244,439 pounds, South America 510,000,000, Central America 5,000,000, Asia 274,000,000, Australasia 510,000,000, Africa 134,425,000, Oceania 50,000 pounds, and North America, including the United States, the British provinces and Mexico, 333,342,032 pounds.—Farm Stock Journal.

## Farm Notes.

For a good grafting wax take four pounds rosin, one pound beeswax, one pint linseed oil. Put into an iron kettle and heat slowly, stirring thoroughly until all is well mixed. Pour the whole mass into cold water and pull by hand until it assumes a light golden color. Make into sticks and put in a cool place until required for use. Grafting wax never comes amiss, and it always pays to keep it on hand. In case of injury to a tree at any time it is valuable.

## EFFECT OF ANAESTHETICS.

Patients in Dentist's Chair Often Act Queerly Under It.

"As I entered the dentist's office," said a woman the other day, "I saw a man sitting in a chair rocking violently and with a wild look of misery written on every feature. Next him sat a demure looking trained nurse. After a few minutes, during which we all three sat and pined each other, the dentist entered, dressed for out doors, and he beckoned the man. The unfortunate wretch responded and then we knew. The doctor never draws teeth himself, but takes such patients as have need of that gentle art to a brother dentist, who in his turn makes a specialty of drawing, always administering gas for it.

"The nurse turned to me with a smile. 'I wonder what he will do when he comes out of it?' she said, meaning the anaesthetic.

"Why, what do you mean? I asked. 'Don't you know?' she answered. 'My patients always say or do something silly either when they take it or when they come out of it.'

"I was interested at once and begged her to tell me some instances.

"Why, let me see," said she. "To begin with, women always yield to the influence of an anaesthetic more easily than men do, possibly because they are not so strong-willed. Anyway, women make better patients. They are less trouble and so afraid of pain or even of death.

"In almost every case I have had the women rather welcome chloroform, although almost all of them fight ether, and I don't blame them. After the first whiff a woman will almost invariably make love to the doctor, calling him all the sweet things she ever knew and demanding his affection in return. Then she quiets down and the operation begins. When coming out of it if she is a particularly sweet and refined woman she will use the most villainous language and carry on generally in a manner calculated to shock a new nurse almost out of her senses.

"Now, on the other hand," she continued, "the woman who ordinarily uses Billingsgate (and there are quite a few) will babble of childhood's days, angels' faces and peaceful green fields. This seems strange, but it is nevertheless true. Of course, we seldom tell them what they have been saying or doing. It wouldn't do—she broke off. 'Ah, here comes the dentist and his patient. See how wild he looks. You just ask the doctor what he did. See if it wasn't funny.'

"The doctor came in, ushered his patient into the operating room, spoke a few words to the nurse and followed his patient.

"I came for something to relieve my patient," she said to me in explanation. "She had a violent toothache."

"The doctor returned with a small package, which he handed to the nurse. He then spoke to me, saying that he would be ready in a few minutes. When I turned I found the nurse had gone.

"Usually I am not in a hurry to get into a dentist's chair, but, being a woman and a curious one at that, was anxious to hear what that man had said or done when under the influence of the anaesthetic.

"Did you notice that man?" asked the dentist as he carefully filled my mouth with cotton. I tried to look as intelligent as my gaping mouth would let me. "He has just taken gas to have a nerve killed and taken out," continued the doctor. "When he was returning to consciousness he pulled a great roll of bills out of his pocket and insisted upon throwing them all over the place, giving them to everybody he met in the halls and acting generally as a millionaire philanthropist gone mad. After he had quieted down a little he told me confidentially that he experienced the finest jag he had ever had in his life. And the funny part of that remark is that neither I nor anybody else that knows the man has ever known or heard of his taking a drop of liquor. In fact, he has always asserted that it was strictly against his principles to touch liquor in any form. This is surely a funny business."

"And shaking his head mournfully," continued the woman, according to the New York Times, "the doctor proceeded to make things lively for me."

## Cannot Escape.

"Do you think the person who committed the crime will be punished?" "Empathically, yes," said the police official.

"But you haven't discovered him yet."

"No. But we'll keep saying we suspect somebody and thereby keep him suffering the terrors of a guilty conscience."—Washington Star.

## Appropriately Named.

Fumer—"Gee whiz! What sort of a cigar is this?"

Giver—"Oh! I bought it for a nickel. I don't just recall the brand, but I think it was named after some bum actor."

Fumer—"Ah! No wonder it won't draw."—Philadelphia Press.

A man who is nearly 80 years old, is sick, and says he can't imagine what is the trouble. We can tell him: he was born too long ago.

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A small boy was asked by the teacher what the equator was.

He thought a moment and replied: "The equator is an imaginary lion running around the earth."

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Wife—Oh, anywhere that's expensive or restless.—Life.

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## Will Not Write Reminiscences.

Senator Frye once refused to write his reminiscences for a magazine, declaring himself opposed to the telling by public men of "tales out of school."



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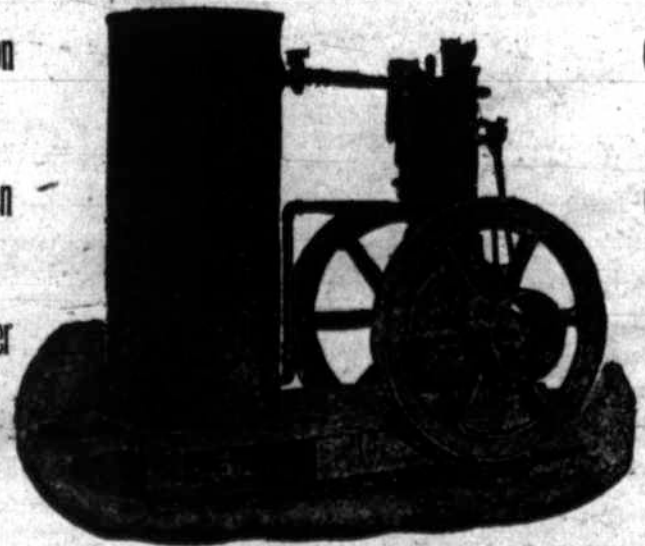
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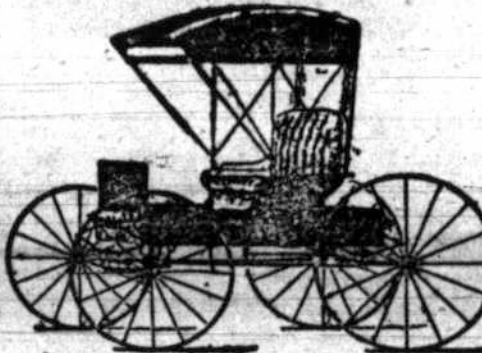
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