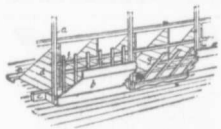
Farm Implements and Conveniences

A Novel Feed Manger

The new swinging feed rack here depicted has all the advantages of the old-fashioned rigid rack, besides being set low down for easy and comfortable feeding of the cows. When empty, the rack, g, swings back out

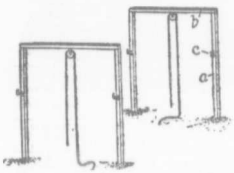


of the way. All hay, grain, etc., is fed in the front manger, b, and the lower manger, c, catches what drops through. The lower mangers should have a tongued and grooved floor of 1¼ in. stuff to raise the bottom above the stable floor. The cut shows the rack so well that further description is unnecessary.—J. A. Macdonald.

A Lifting Job Made Easy

A useful device for lifting a heavy rack or wagon box is here shown.

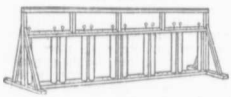
Four poles, a, set a little farther apart than rack is wide one way, and about 2 feet shorter the other way. Across top of poles at the ends fasten another pole or timber, b, and at the centre of each of these have a pulley



and rope. On each of the poles, a, place a hook or latch, c, on which to rest two more cross pieces. When you wish to remove rack, back wagon under, fasten one end of rope to bed piece of rack, raise same and fasten by rope, then place the removable cross piece on catch and let the rack down to rest on same. Repeat process at other end and the rack is in a safe place. When you wish to use it, back wagon under, remove sticks and unfasten ropes, and it is on without any hard lifting.

An Adjustable Lamb Creep

The accompanying illustration shows a movable, adjustable lamb creep. When the lambs are quite small the rollers are placed compara-



tively close together. As they increase in size the openings can be made larger. This is especially valuable where the lambs are of various sizes and it is desirable to give the smaller ones special feed. Where the lambs are all of the same size it is not so important to have this adjustable creep. The frame is of 2-inch pine.

A Manure Loader

Mr. A. S. Milne, Uxbridge, Ont., has patented an invention that promises to supply a long felt want on every farm. It is a manure loader.

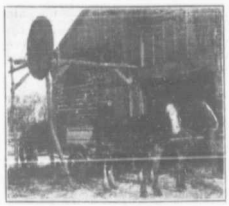


Fig. 1.

We have the manure spreader or unloader. But this is a machine that loads the manure on to a wagon or spreader. The accompanying illustrations give some idea how the machine works. Fig. 1 shows the loader after a manure spreader has been loaded with 50 bushels of manure. Fig. 2 shows the horse fork shoving out the manure of 10 horses for one day in one load. It is this fork that puts the manure on to the loader. It works on the principle of the road scraper, but is said to be operated more easily. The platform of the loader is let down to the ground. With the fork the manure is dumped upon it, a man and a horse being required to do it. When the platform is loaded the horse is detached from the fork and attached to the chain which draws the platform up high enough for a team of horses and wagon or manure

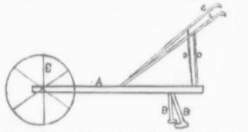
Fig. 2.

spreader to pass below it. When under it the dog is tripped and the load is deposited in the wagon in a moment. This operation, the inventor claims, can be performed in 40 seconds.

Not only is it claimed that this instrument will be a great time and labor saver in handling manure, but can be used as effectively in loading gravel, etc. By using an ordinary road scraper instead of the fork, gravel and dirt can be handled as well as manure.

For Killing Weeds

To economize time and kill weeds in my garden and root crop (rows) before the plants are large enough to tend with a horse or hoe, and more rapid and accurate than either, I use an old axe and chopping block to remove the back of an old scythe, a wood-stove fire to bend the hoe, an old plow handle ripped for handles for my weeding tool. (A) Beam 1 in. by 1 1-2 in.; (B) hoe, one side of scythe projects 2-3 in. beyond centre of (A) (beam); (C) handles; (D) upright braces to be raised or, by removing bolts, lowered to suit height of operator; (E) wheel, 9 in. diam-



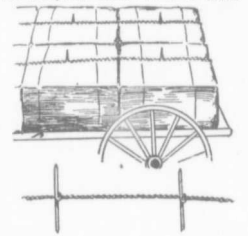
eter 5-8 in. thickness, placed in front end of beam, slotted 11 in.

My hoe is fastened to each side of rear of beam by 3 screws on each side and set in any desired pitch. I can run it easily deep or shallow at will. It weighs 5 lbs. and can be run each side of a row and within an inch of plant and do the work of several men. It cost me one hour's time and the getting rid of some old rubbish. —A.E.L., Ontario.

Carting Baled Hay

So much baled hay is now carted even in farming districts that some device for fastening it to the wagon so it will not shift will be welcome. Farmers who are obliged to cart baled hay over rough roads often feel as if their load had been greased, it slips around so.

Have several pieces of hard wood or iron, sharpened at both ends, and after putting on one layer of the baled hay, take a stout rope and tie one of the sharpened stakes to it so thatit



may be pressed down into the hay leaving the other sharpened point sticking up on which the next layer of hay will rest. A few ropes and a few sharpened stakes, have the stakes about 18 inches long, will secure a the sharpened stakes to it so that it cannot possibly slip no matter how much it is jolted. The illustration gives the plan so plainly, that any one can catch the idea.

Good Month for Overhauling

This will be a good time for the up-to-date farmer to overhaul the tools. Paint and oil are cheap and one will be surprised to note how many loose bolts there are in wagons and implements when he comes to examine them carefully. The replacing of these bolts now may save a valuable piece of machinery later.

Another good plan is to have a branding iron if one has many small tools and particularly if one lives in a borrowing neighborhood. Brand every piece of wood frame tool or machinery with your full name and burn it in deep. Do this after the wood has been well painted.