

Farm Conveniences

A Shade for Horses' Eyes

The most frequent cause of weak eyes in horses is a badly arranged stable. Foul gases irritate and inflame the tender membranes of the eye and head, and horses brought from dark stables into bright sunlight, or on to glittering snow, are dazzled and blinded. The existing weakness or irritation is intensified, and the poor animal suffers unsuspected torments. The remedy is to purify the stable and give sufficient light, shaded by blinds from before



and behind the horse, or from both sides, avoiding a light from only the front, rear, or one side light. A shade for weak or inflamed eyes may be constructed by fastening wires to the bridle and covering it with oiled cloth in the manner represented. Thus a soft, subdued light reaches the eyes, while the horse can still see the ground immediately before him. It will be a timely job to prepare such a shade for use before the snow of winter comes.—"Farm Conveniences."

Handy Foot Vice

This is a rough sketch of a thoroughly good foot vice, which is easy to make, and is strong and serviceable when it is made. As shown in the illustration, the main



piece is made with different sizes of grooves for swaging calks, and two legs are bolted on to this main piece about 12 in. from the top. A treadle is then made and joined to the other jaw, as shown in the illustration.

Jug Float for Water Tank

The illustration shows a simple device for regulating the flow of

water in tanks which are fed from cisterns, reservoirs or from any other source. I have been buying galvanized iron floats until I am tired. They rust out in a short time, seldom lasting more than two years and costing five times



Float in Position.

as much as the one illustrated. I simply buy a stone jug, preferably a one gallon jug, and plug it carefully, so that it is airtight. I fasten this by means of a wire chain to the valve at the bottom of the tank. This will last indefinitely and will neither rust nor waterlog as is the case with iron or wood.

J. H.

A Portable Granary

Mr. J. T. Mitchell, Watertown, and Geo. Russell, Hamilton, Ont., have patented a portable granary. It is constructed of matched lumber after the fashion of a cistern, about ten feet in diameter and eight feet, or thereabouts in height with pitched roof of sheet iron, put together in sections (the last one being moveable, to permit of being opened to admit of the threshed

grain being poured into the granary. It is specially adapted for the western prairie, being built upon runners like a stone boat it can be hauled any place where the thresher is at work. It will hold about 1,000 bushels of grain.

A Calf-Feeder

The illustration given herewith is a very useful arrangement for feeding calves. The nipples are made so that there are no seams



to crack. They work by straight suction and do not have to be bent in use. It was invented a couple of years ago by Messrs. Kincannon Cole of Birmingham, England.

"This isn't a very good picture of your little baby brother, is it?" said the visitor.

"No, ma'am," replied five-year-old Elsie. "But then he ain't a very good baby."—Boston Journal.

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