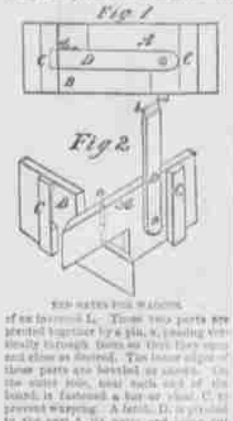
TWO EXPIRED PATENTS.

A Wagon Tailboard Made in Two Parts. An Improved Feed Trough.

Among a number of expired patents recently illustrated and described by the Ohio Farmer are the following. These are now public property to all who desire to use them:

The first one is a tailboard made in two parts, A and B, Figs. 1 and 2, the former being L shaped and the latter in the form



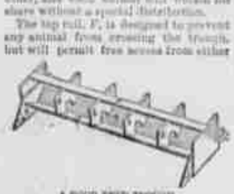
END GATES FOR WAGONS.

of an inverted L. These two parts are pivoted together by a pin, [illegible] and close as desired. The inner edges of these parts are beveled as shown. [illegible] part B.

The sides of the wagon box [illegible] firmly, Fig. 2. To prevent the latter from jumping out by jolting, a bolt [illegible]

The second patent is that of an improved feed trough. The novel features of this invention are the transverse partitions, E, and the top rail, F. [illegible] These partitions do not reach to the bottom of the trough, and the slop or liquid food may then flow from one end to the other, and each animal will obtain his share without a special distribution.

The top rail, F, is designed to prevent any animal from crossing the trough, but will permit free access from either



A GOOD FEED TROUGH.

side. The utility of this feed trough is obvious, and it is a great improvement over those in common use, by the employment of which the larger hogs are permitted to crowd away the little ones and eventually obtain all the food for themselves. The end pieces, B, are made to project as in the drawing, and in them are cut hand holes, C, for the convenient application of the hands when the trough is to be moved.

WILD COSSACK RIDERS.

Two Americans Saw Them Break a Winter Camp in Turkestan.

Messrs. Allen and Sachtleben, who went around the world on bicycles, give the following account of one of their experiences in Turkestan:

One of the chief incidents of our pleasant sojourn was afforded by Governor Ivanoff. We were invited to head the procession of the Cossacks on their annual departure for their summer encampment in the mountains. After the usual religious ceremony they filed out from the city parade ground. Being unavoidably detained for a few moments, we did not come up until some time after the column had started. As we dashed by to the front with the American and Russian flags fluttering side by side from the handle bars, cheer after cheer arose from the ranks, and even the governor and his party doffed their caps in acknowledgment.

At the camp we were favored with a special exhibition of horsemanship. By a single twist of the wrist the steeds would fall to the ground, and their riders crouch down behind them as a bulwark in battle. Then, dashing forward at full speed, they would spring to the ground and leap back again into the saddle, or hanging by their legs would reach over and pick up a handkerchief, cap or a soldier supposed to be wounded. All these movements we photographed with our camera.

Of the endurance of these Cossacks and their Kirghiz horses we had a practical test. Overtaking a Cossack courier in the early part of a day's journey, he became so interested in the velocipedes, as the Russians call the bicycle, that he determined to see as much of it as possible. He stuck with us the whole day, over a distance of 80 miles. His chief compensation was in witnessing the surprise of the natives, to whom he would shout across the fields to come and see the [illegible], adding in explanation that we were the American gentlemen who had ridden all the way from America. Our speed was not slow, and frequently the poor fellow would have to resort to the whip to shout: "Stop, gentlemen. My horse is tired. The town is not far away. It is not necessary to hurry so." The fact is that in all our experience we found no horse, of even the famed Kirghiz in Turkestan, [illegible] over the most ordinary road.—[illegible]

A Convalescent's Bedtime.

A convalescent patient should never be permitted to sit up late at night. After the evening meal it is well for all visitors to be excluded from the room, and the patient's mind should be kept as free from excitement as possible. The hour for retiring should be early and such means employed for aiding sleep as may be directed by the physician. A glass of hot milk at bedtime is often a good device for promoting sleep.—[illegible]

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