

(No Model.)

T. TOOHEY.
HAY OR STOCK RACK.

No. 555,347.

Patented Feb. 25, 1896.

Fig. 1

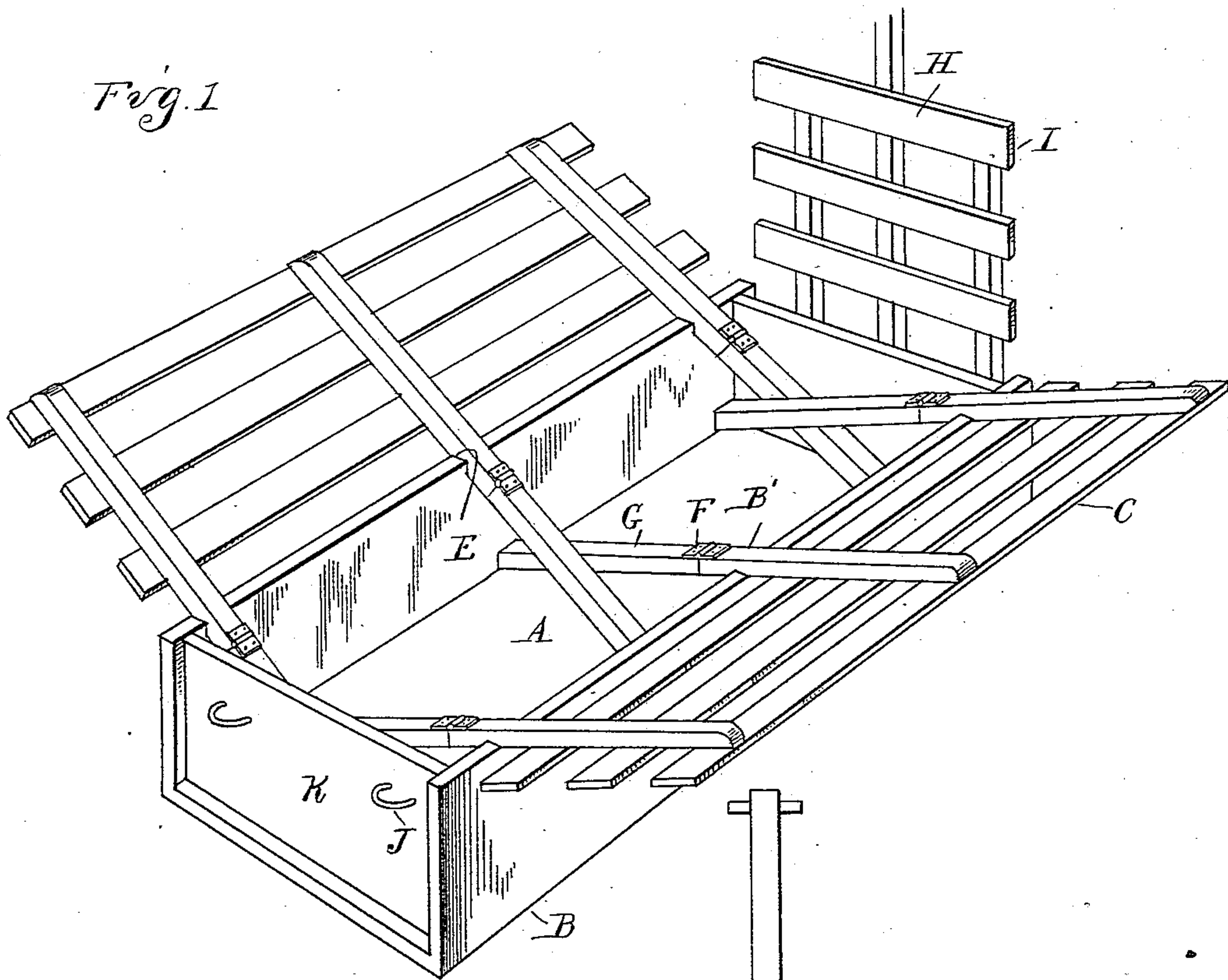
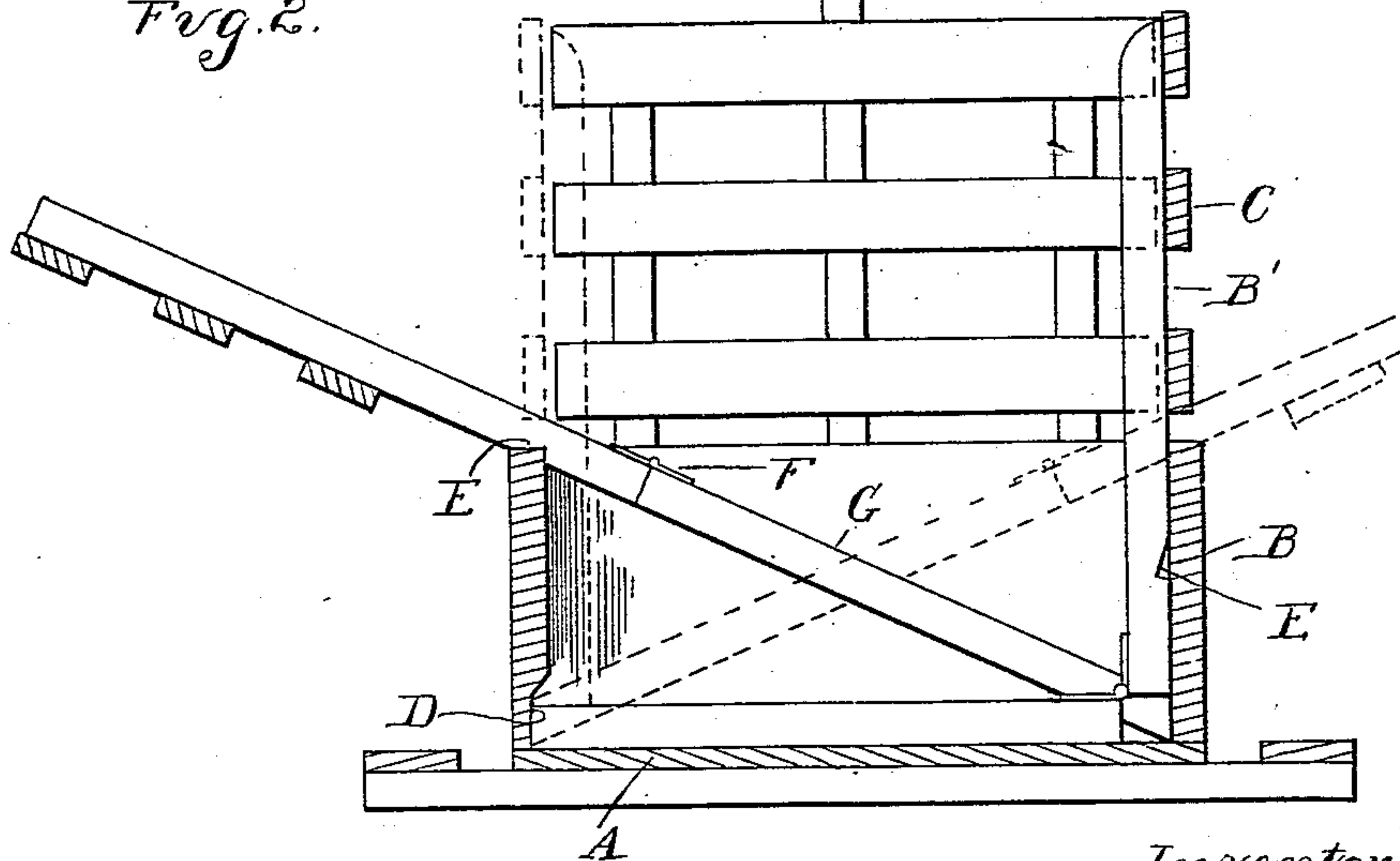


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS TOOHEY, OF GAGETOWN, MICHIGAN, ASSIGNOR OF ONE-HALF TO
ANTHONY TOOHEY, OF SAME PLACE.

HAY OR STOCK RACK.

SPECIFICATION forming part of Letters Patent No. 555,347, dated February 25, 1896.

Application filed July 11, 1895. Serial No. 555,676. (No model.)

To all whom it may concern:

Be it known that I, THOMAS TOOHEY, a citizen of the United States, residing at Gagetown, in the county of Tuscola and State of Michigan, have invented certain new and useful Improvements in Hay or Stock Racks, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention consists in the construction of a combined hay and stock rack and particularly in the arrangement, construction, and combination of the various parts, so that the rack may be readily transformed from a hay-rack to a stock-rack, or vice versa, without materially adding to the expense of construction of the ordinary rack, all as more fully hereinafter described.

In the drawings, Figure 1 is a perspective view of my improved device, showing it as in use as a hay-rack. Fig. 2 is a vertical central section showing in full and dotted lines the position of the rack for use as a hay or stock rack.

A is a wagon-box, of which B are the sides. The side racks comprise the longitudinal boards or slats C and the posts B'. These posts extend sufficiently beyond the side rack-slats, so that when they are intended for use as a hay-rack they may rest upon the top of one side board, while the end will extend at an inclined position through the box and engage in a notch or holding-bar D, formed in the lower edge of the opposite side, as plainly shown in Fig. 2. I preferably form the notched bearing E on the under face of the post to rest upon the top of the box, as shown in Fig. 2. The post I form in two parts connected together by a hinge F, the difference

between the length of the inner or end portion G of the post and the width of the box being substantially equal to the thickness of the post. This hinge is so applied between the parts as practically to make a rule-joint.

When the parts of the post are extended in line, as shown in Fig. 1, they will form a satisfactory hay-rack, the side racks extending at an angle over the sides of the wagon-box. When it is desired to convert it into a stock-rack, the operator has simply to raise the outer end of the posts and depress the rule-joint so that the section G of the posts will lie flat in the bottom of the wagon-box, as shown in Fig. 2, in which position the side racks will stand vertically beside the inner face of the box sides. The ends of the sides may be secured in any suitable manner to the end sections H of the rack, the posts I of which may engage in stirrups J on the end boards K. The side racks being secured to the end racks by hooks, or in any other suitable manner, will hold them against side motion and form a satisfactory stock-rack.

What I claim as my invention is—

The combination with a wagon-box, of side racks, posts for said side racks comprising two hinged sections, the lower section of a length substantially equal to the width of the wagon-box, and a notch or holding means at the base of the sides of the body with which the end of the lower section of the post loosely engages, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS TOOHEY.

Witnesses:

J. L. PURDY,
PATRICK TOOHEY.