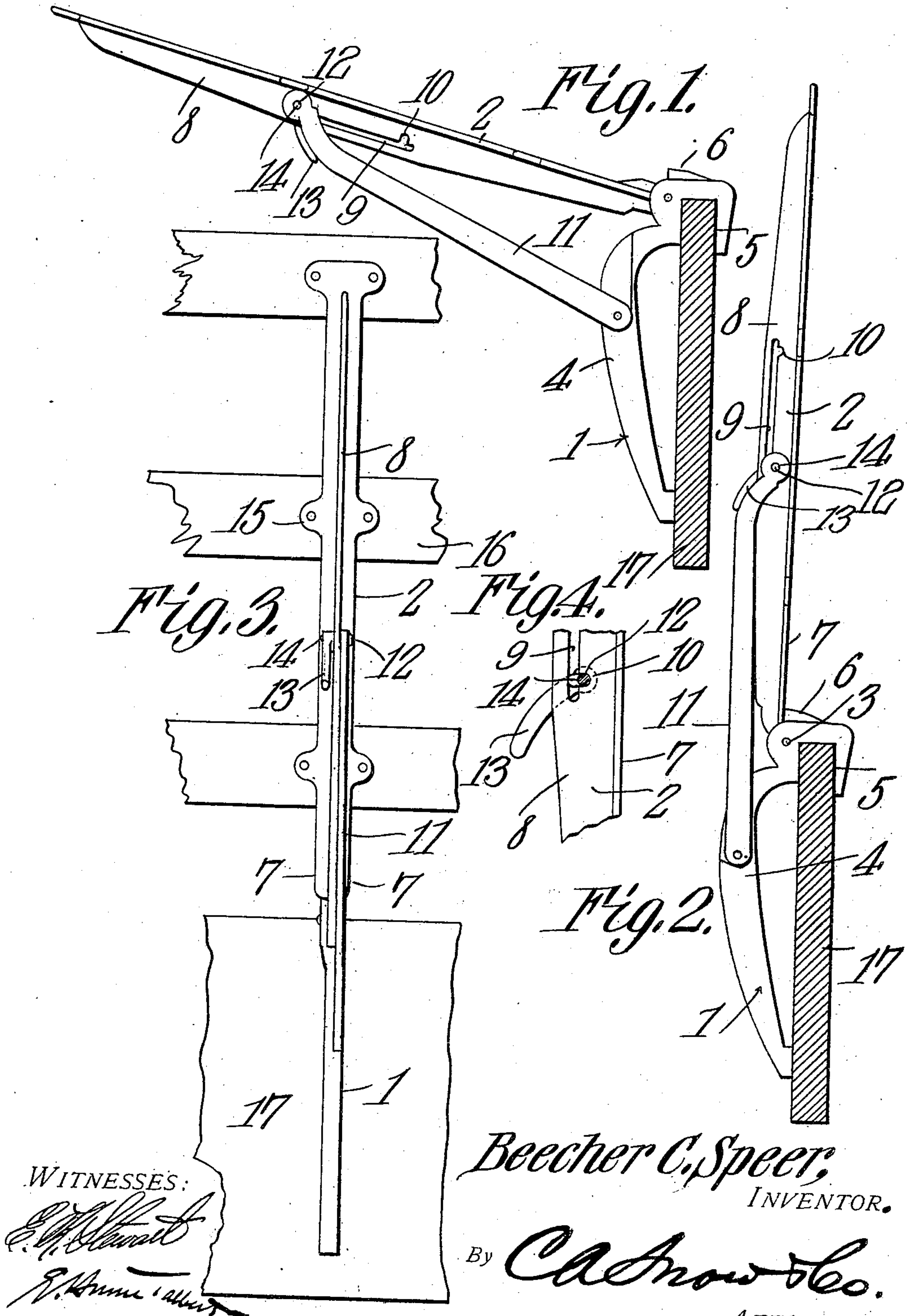


No. 886,549.

PATENTED MAY 5, 1908.

B. C. SPEER.
HAY RACK STANDARD.
APPLICATION FILED MAY 24, 1907.



WITNESSES:

E. H. Stewart
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UNITED STATES PATENT OFFICE.

BEECHER C. SPEER, OF NORTH ADAMS, MICHIGAN.

HAY-RACK STANDARD.

No. 886,549.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed May 24, 1907. Serial No. 375,527.

To all whom it may concern:

Be it known that I, BEECHER C. SPEER, a citizen of the United States, residing at North Adams, in the county of Hillsdale and State of Michigan, have invented a new and useful Hay-Rack Standard, of which the following is a specification.

This invention has relation to standards for hay racks and it consists in the novel construction and arrangement of its parts as hereinafter shown and described.

The object of the invention is to provide a standard of the character indicated which may be easily and readily applied to and detached from the sides of a wagon body and which consists primarily of two members pivoted together, one of which is attached to the slats of the rack, and the other forms the wagon body engaging member. A brace is pivoted to the last said member and engages the first said member and is adapted to support the same in a locked vertical or inclined position.

In the accompanying drawing:—Figure 1 is a side elevation of the standard showing the rack engaging member in an inclined position. Fig. 2 is a side elevation of the standard showing the rack engaging member in a vertical position. Fig. 3 is an edge elevation of the standard, and Fig. 4 is a detail view of the locking means.

The standard consists of the members 1 and 2 which are pivoted together at the point 3. The member 1 is provided with the intermediate outwardly bowed portions 4 and at its upper end is provided with the downwardly disposed body side receiving socket 5. The lugs 6 are located at the upper end of the member 1 and lie in the path of the flanges 7 of the member 2. The member 2 is provided with a longitudinally extending rib 8 which in turn is provided with a slot 9 having the notches 10 located in the side thereof next to the flanges 7 and in the vicinity of the ends of the said slot. The brace 11 is pivoted to the member 1 and is provided with a cross pin 14 which passes through the slot 9. The flanges 7 are provided with the lugs 15 to which the bars 16 are attached. Said bars form the side of the rack. The lower end of the mem-

ber 1 bears laterally against the side 17 of the wagon body and the socket 5 receives the upper edge of the said body side. The pin 14 is provided with an eccentric or bell crank portion 12 and a handle 13 by means of which the said bell crank portion 12 may be swung into either one of the notches 10 for the purpose of locking the parts of the standard together.

From the foregoing description it is obvious that a standard is provided which may be easily and readily applied to the side of a wagon body and detached from the same and will firmly seat itself even should the said side become slightly warped or twisted as it engages the side at two points which are separated by the bowed portion. When the member 2 is swung into the inclined position shown in Fig. 1 the cross pin 14 may be turned so as to seat itself in the notch 10 nearest the outer end of the slot 9 and thus the brace 11 will lock the member 2 in such inclined position and the member 2 cannot be swung up without first removing the cross pin 14 from the notch 10 into the slot 9. When the member 2 is moved into vertical position, as shown in Fig. 2, the lower ends of the flanges 7 will abut against the lugs 6 and the cross pin 14 is turned into the inner or lower notch 10 of the slot 9. Thus the member 2 is locked in the vertical position and cannot be swung down until the cross pin 14 is removed from the said notch into the said slot.

Having described my invention what I claim as new and desire to secure by Letters-Patent is:—

A wagon rack standard comprising members pivoted together, a brace pivoted to one member, a rotatable crank pin mounted upon the brace, the other member having a slot provided with notches in its side for the reception of the crank portion of said pin.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

BEECHER C. SPEER.

Witnesses:

C. H. KEMPTON,
W. MAC RITCHIE.