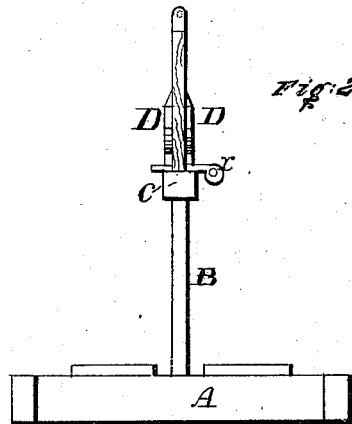
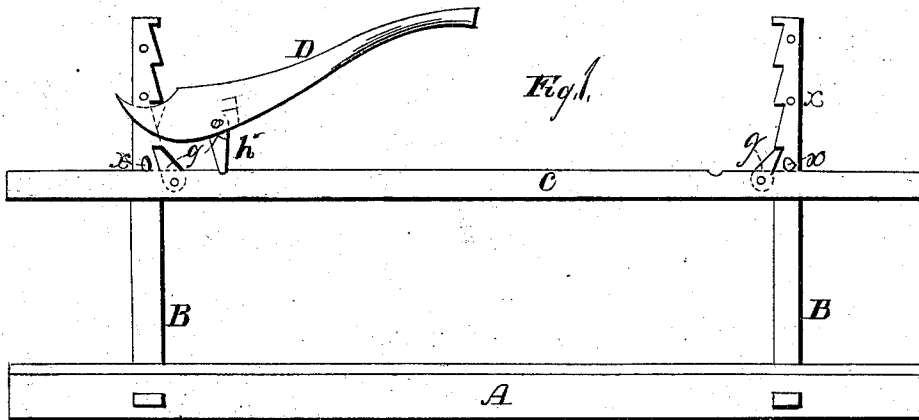


J. W. HODGES.
 Securing Loads of Hay to Wagons.

No. 81,783.

Patented Sept. 1, 1868.



Witnesses:
 Cornelius Cox
 W. D. Storckbridge

Inventor
 J. W. Hodges
 per Alexander Mason
 attys

United States Patent Office.

J. W. HODGES, OF PLYMOUTH, ILLINOIS, *

Letters Patent No. 81,783. dated September 1, 1868.

IMPROVEMENT IN DEVICE FOR BINDING LOADS OF HAY UPON WAGONS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, J. W. HODGES, of Plymouth, in the county of Hancock, and in the State of Illinois, have invented certain new and useful Improvements in Device for Binding Hay on the Rack; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents a suitable base or frame, into which are framed the posts or standards B B.

The posts B B are provided with ratchet-teeth upon their inner sides, and with a series of holes through which the pins *x* pass, to hold the binder *c* down or up, as may be desired.

C represents a horizontal bar or beam provided with slots, so as to work up and down on the posts B, and having pawls or catches *g g* pivoted to it to catch in the teeth of the posts B.B.

D represents a lever, made forked at the end thereof so as to embrace one of the posts B B, and catch in the teeth of said posts, and is provided with or has pivoted to it the fulcrum *h*, which catches in a suitable notch in the bar C.

To use this device, the operator places a suitable quantity of hay on the rack or frame A, and then forces the binding-beam C down thereon by means of the lever D. When the beam C is down as tight as required, it is held in place by means of the catches *g g* or pins *x*.

I am aware that the several parts of the above-described device, when taken separately, are not new.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the two upright rack-bars B B, the horizontal beam C, its pawls, *g g*, with the lever D, its fulcrum *h*, with the rack A, all constructed and operating as herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this day of , 1868.

J. W. HODGES.

Witnesses:

WESLEY RALSTON,
J. H. LAWTON.

*Assignor to himself and A. W. King.