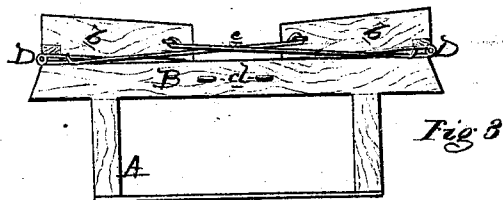
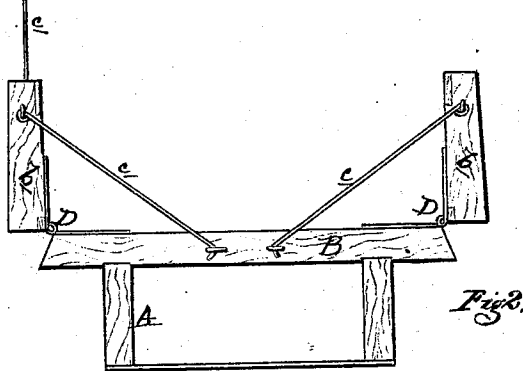
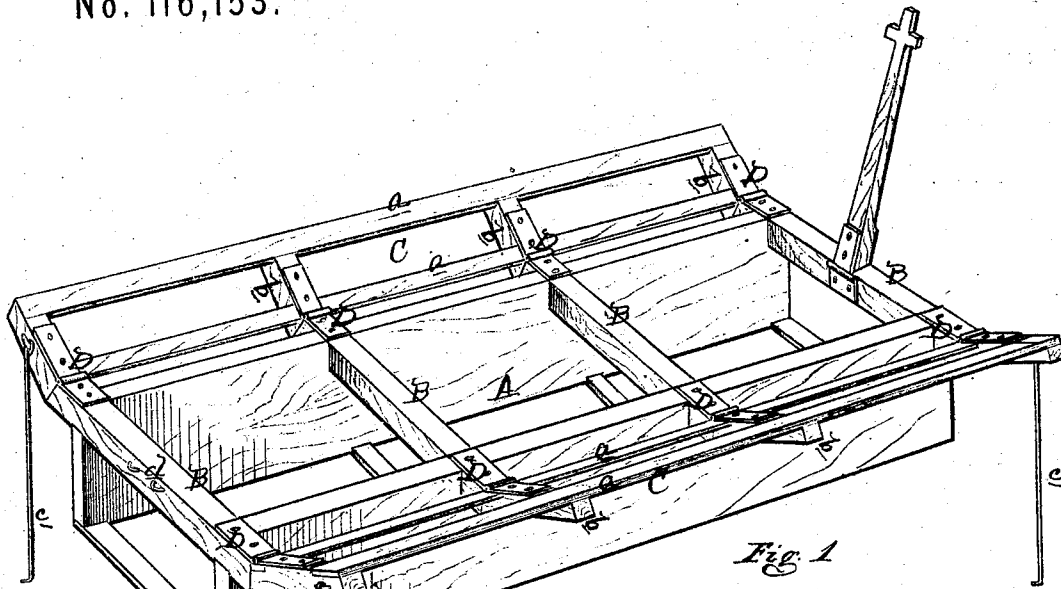


MILO CARPENTER.

Improvement in Hinged Hay-Racks.

No. 116,153.

Patented June 20, 1871.



ATTEST

M. Stewart

M. H. Church.

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UNITED STATES PATENT OFFICE.

MILO CARPENTER, OF WAYLAND, MICHIGAN, ASSIGNOR TO HIMSELF AND
J. H. D. SNELL, OF SAME PLACE.

IMPROVEMENT IN HINGED HAY-RACKS.

Specification forming part of Letters Patent No. 116,153, dated June 20, 1871.

To all whom it may concern:

Be it known that I, MILO CARPENTER, of Wayland, in the county of Allegan and State of Michigan, have invented a new and useful Improvement in Hay-Racks; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my improved hay-rack with the wings or side frames down, showing it as a hay-rack proper. Fig. 2 is an end elevation with the wings erect; and Fig. 3 is an end elevation with the wings folded down.

Like letters indicate like parts in each figure.

The nature of this invention relates to an improvement in the construction of hay-racks, whereby the same are rendered more compact, less cumbersome, easily removed, and adapted to other purposes; and it consists in a new and novel construction and arrangement of the outer rails or wings with the body of the rack, as more fully hereinafter described and set forth.

In the accompanying drawing, A is a suitable bed-frame, to which are properly secured the transverse rails B, the ends of which may project a short distance beyond the frame A. C are wings or rectangular frames, composed of suitable longitudinal bars *a* and transverse

bars *b*, which correspond to and are securely attached to the cross-bars B by means of the strap-hinges D, which allow the wings to be raised as shown in Fig. 2, folded down as in Fig. 3, or easily removed. *c* are suitable rods, properly attached to the ends of the wings, which hook into the eyes *d* on the transverse bars B, as shown, thereby securing the wings in a vertical position, as shown in Fig. 2, which, when proper end pieces are inserted, form a commodious box-rack suitable for carrying wool or similar light bulky material.

If preferred, the bed-frame may be dispensed with and the wings attached to lateral bars secured to an ordinary wagon-box in the same manner.

A hay-rack thus constructed will be found very economical to build, easily adjusted as may be desired, and a very commodious addition to the farmer's establishment.

What I claim as my invention, and desire to secure by Letters Patent, is—

The wings or side frames C, when constructed and operating substantially as herein set forth, in combination with the bed-frame or wagon-box, the whole forming an adjustable hay-rack, wagon-box, or platform, as herein described.

MILO CARPENTER.

Witnesses:

J. H. D. SNELL,
JOHN CHAPPLE.

5-60. w.m.