

S. J. SMITH.

Hay Rack.

No. 97,322.

Patented Nov. 30, 1869.

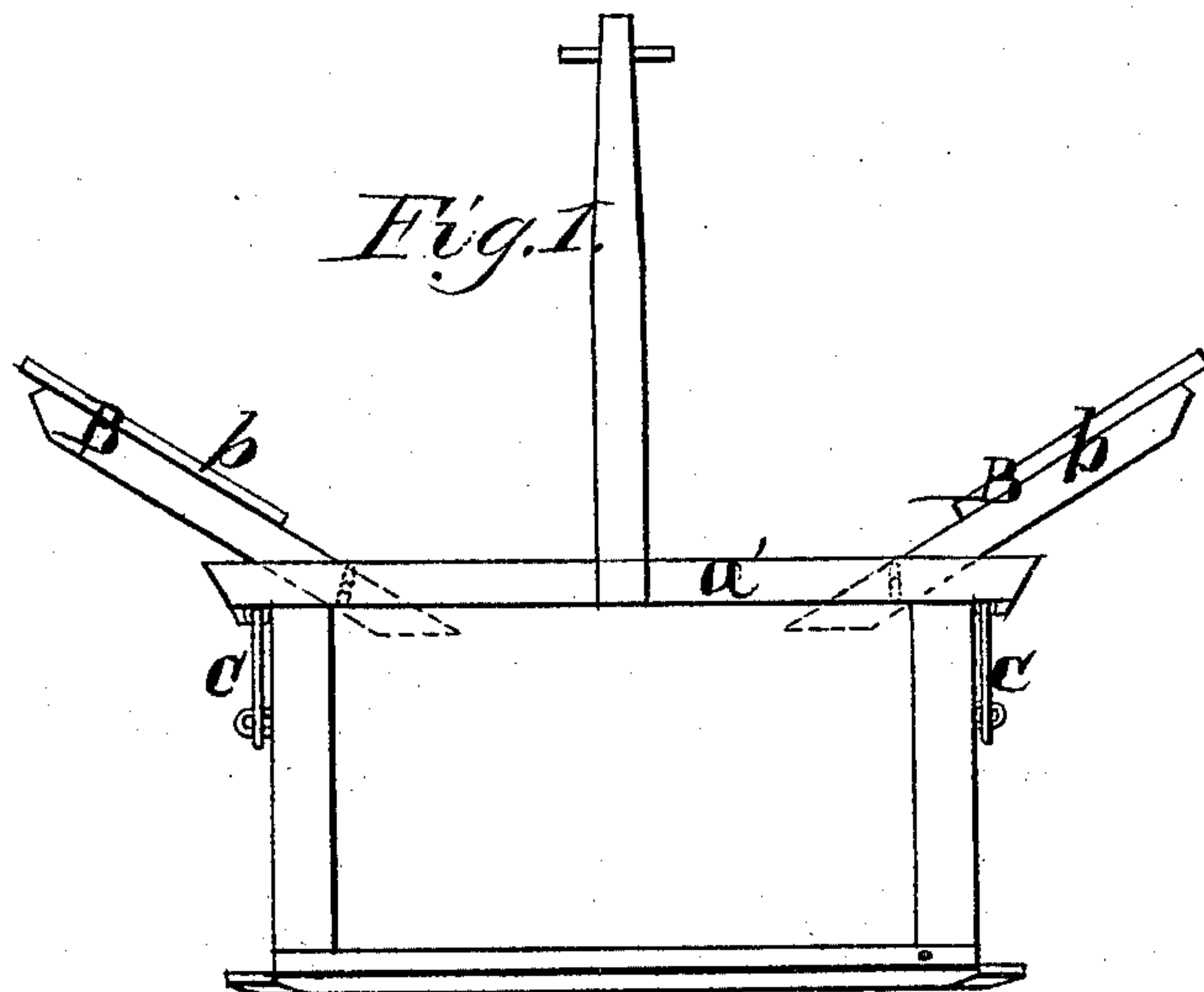
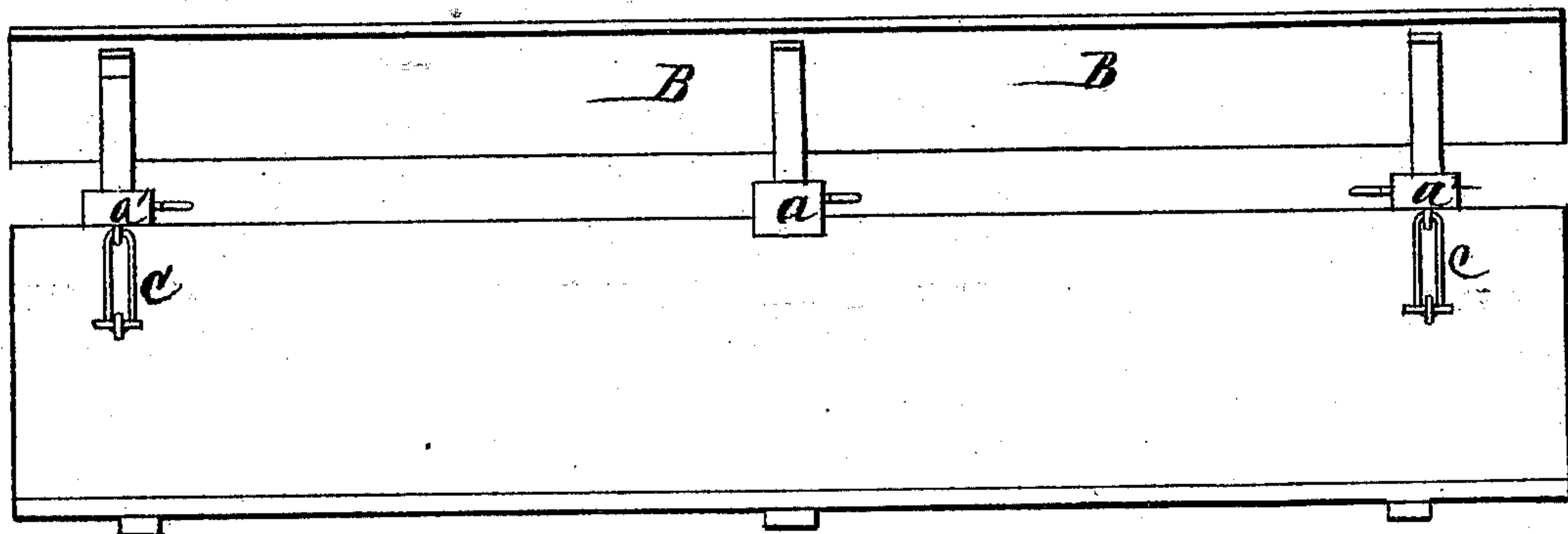


Fig. 2.



Witnesses

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United States Patent Office.

STEPHEN J. SMITH, OF FARMINGTON, NEW YORK.

Letters Patent No. 97,322, dated November 30, 1869.

IMPROVEMENT IN HAY-RACKS FOR 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, STEPHEN J. SMITH, of Farmington, in the county of Ontario, and State of New York, have invented certain new and useful Improvements in the Formation of a Hay-Rack; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is an end view, and

Figure 2, a side elevation.

The nature of my invention consists in combining, with a wagon-body, an adjustable attachment for hauling hay, &c., when said attachment is constructed and arranged to operate in the manner hereinafter set forth.

To enable others skilled in the art to make and use my invention, I will now describe its construction and operation.

A represents a common wagon-body.

$a^1 a^2$ are cross-pieces, the under sides of which are grooved or mortised out to fit over the sides of body A, as shown in fig. 1.

It will also be observed that these cross-pieces are provided with slots, in which are pivoted the bars $b b$. The ends of said slots are made oblique, so that the

bars $b b b$ may rest and be supported in an oblique position, as fully seen in fig. 1.

B B are side-boards securely fastened to the bars $b b b$.

The two end cross-pieces $a^1 a^2$ are provided with rings or loops $c c$, which fit over staples $i i$, as seen in fig. 2, thus firmly securing the frames to the wagon-body.

My invention will be found to possess many advantages, especially for farming purposes, as one and the same wagon can be readily adapted to the varied requirements of the farmer.

Having thus fully described my invention,

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

The within-described hay-rack, consisting of the parts $a^1 a^2$, bars $b b b$, and side-boards, B B, in combination with the body A, when said body and rack are secured together by means of loops $c c$ and staples $i i$, all arranged as and for the purpose set forth.

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

STEPHEN J. SMITH.

Witnesses:

PETER WAGNER,

CHARLES H. ALDRICH.