

W. BEERS.
Wagon-Seat Lock.

No. 103,129.

Patented May 17, 1870.

Fig. 1.

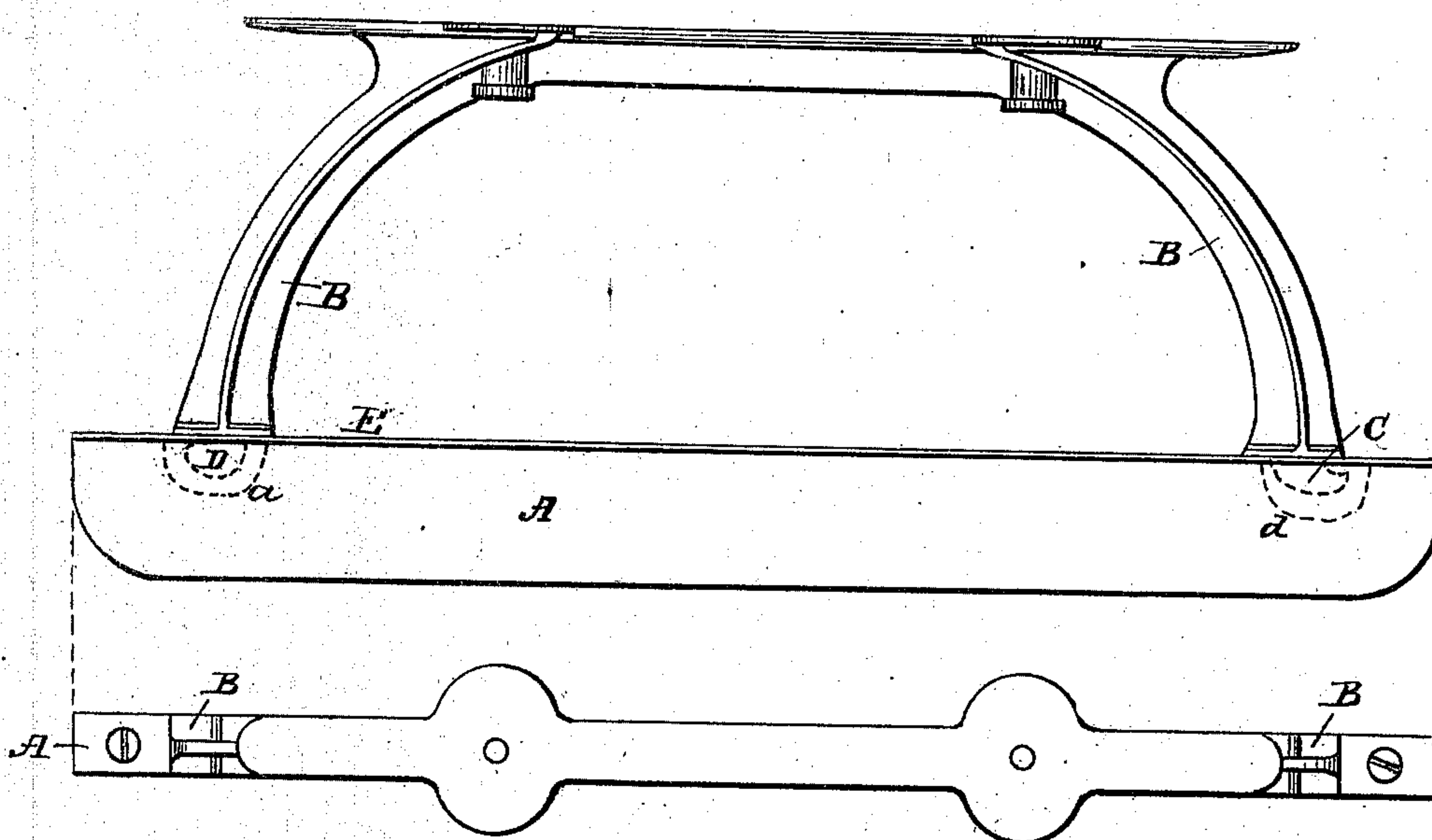
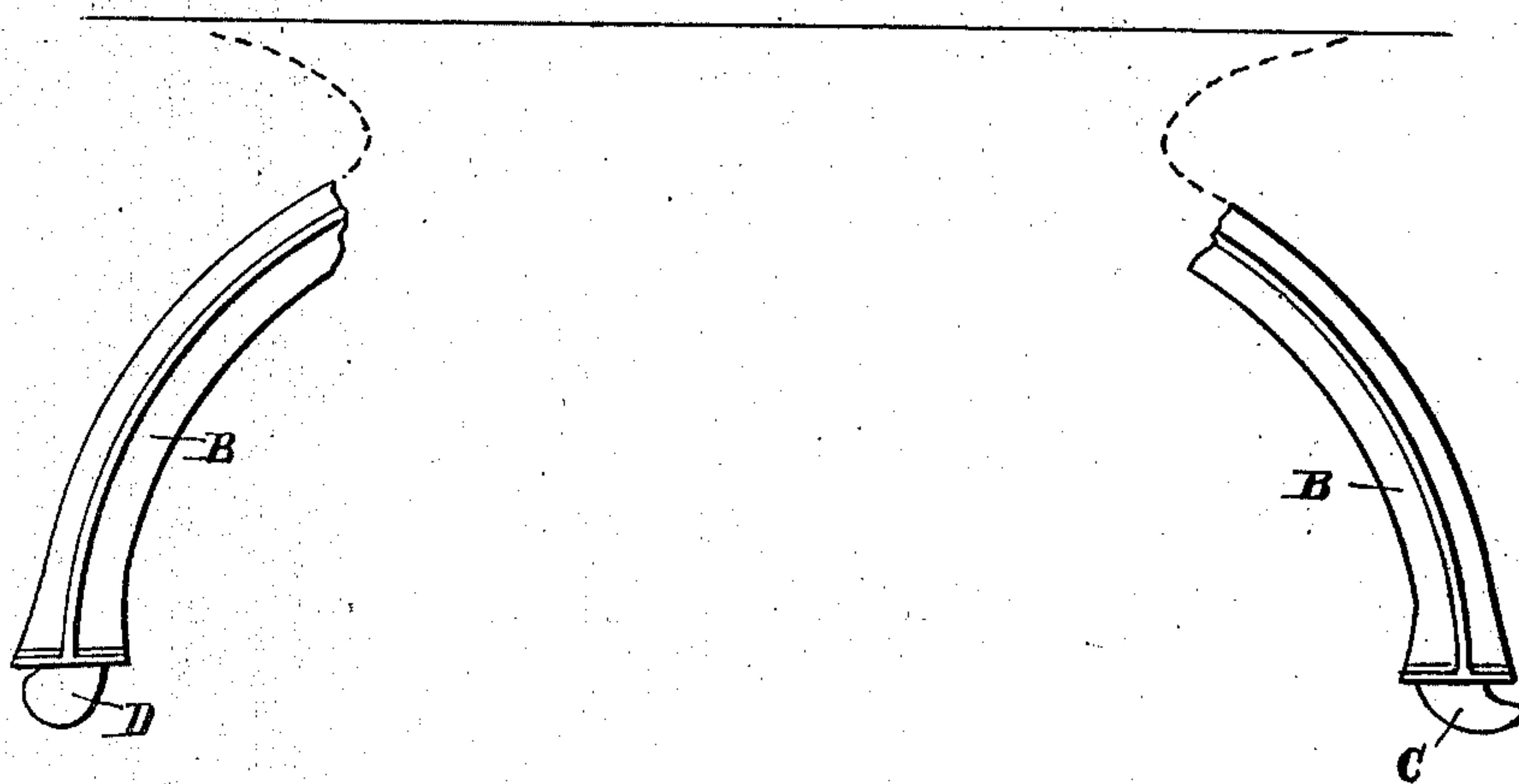


Fig. 2.



Witnesses:
D. L. Humphrey.
Frank Allen

Inventor:
Wm Beers
Per Burridge & Co
Attorneys

United States Patent Office.

WILLIAM BEERS, OF MILAN, OHIO.

Letters Patent No. 103,129, dated May 17, 1870.

IMPROVED WAGON-SEAT ATTACHMENT.

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

Be it known that I, WILLIAM BEERS, of Milan, in the county of Erie and State of Ohio, have invented a new and improved Wagon-seat Attachment, of which the following is a specification.

Drawings.

Figure 1 is a side view of the attachment.

Figure 2, a detached section.

Like letters of reference refer to like parts in the different views.

Nature and Object of Invention.

The object of this invention is to provide an easy safe, and simple attachment of a wagon-seat to the box or body thereof, so that it cannot become detached therefrom while being in ordinary use, the same being done by means of hook, one at each end of the seat-standard, as hereinafter more fully set forth.

General Description.

In fig. 1, A represents the side of a wagon-box or body, on the edge of which the standard B for supporting the seat is secured, thus:

The foot of each standard is provided with a hook, C D, fig. 2. It will be observed that the hook C is somewhat larger than the hook D, and that the two hooks stand in opposite directions to each other, the purpose of which will presently be shown.

In the edge of the box, and at such distance apart that the hooks referred to are from each other, is cut a mortise, indicated by the dotted lines *a*, fig. 1, for the admission of said hooks.

The edge of the box is then faced with a strip of iron, E, having slots or mortises therein, corresponding with those cut in the box, and with which they are in open relation.

The practical operation of this attachment is as follows:

The length of the slots in the iron facing is about equal to the width of the base of the hook; hence, in order to insert it, the back of the seat and standards D are elevated for the admission of the point of the hook; now, on dropping the back of the seat, the hook

D, which is much shorter, can be sprung into its mortise by applying a little force thereto, which will cause the standards to spring sufficiently to allow the short point of the hook D to enter its slot, and, when thus in, the standards will spring back, thereby forcing the throats of the hooks under the ends of the slots in the facing.

By this means the seat is easily and securely attached to the box, and, as the front hooks are those on which the attachment chiefly depends, and the seat prevented from tipping backward, they are therefore made longer, so as to reach further under the end of the slot.

I am aware that hooks have been used for the purpose of securing seats to wagon-bodies, but this I do not claim; but that which distinguishes my invention from others is the employment of two hooks, one on each foot of the standard, and so arranged in relation to each other that they are in opposite directions, whereas in the ordinary way of attaching the seat, is by the use of one hook only, and that on the front feet of the standards, the back feet being provided with a straight pin or key to prevent them from displacement, which, when the seat is empty and the wagon is running over rough roads, is liable to jolt out and thereby allow the seat to fall off. This, however, cannot happen with my two hooks, as they both serve to hold the seat, and, being sprung into place, they cannot become detached unless some little force is exerted upon the seat in order to withdraw the short back-hook D, which must first be removed in order to withdraw the front ones.

Claim.

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

The standards B B, when constructed with hooks C D, and arranged in relation to each other so that their points shall be in opposite directions, constructed substantially as described, and for the purpose specified, as a new article of manufacture.

Witnesses:

WILLIAM BEERS.

J. H. BURRIDGE,

DE WITT C. ARMSTRONG.