

W. B. SLUTTER.
Shifting Buggy-Tops.

No. 93,759.

Patented Aug. 17, 1869.

Fig: 1.

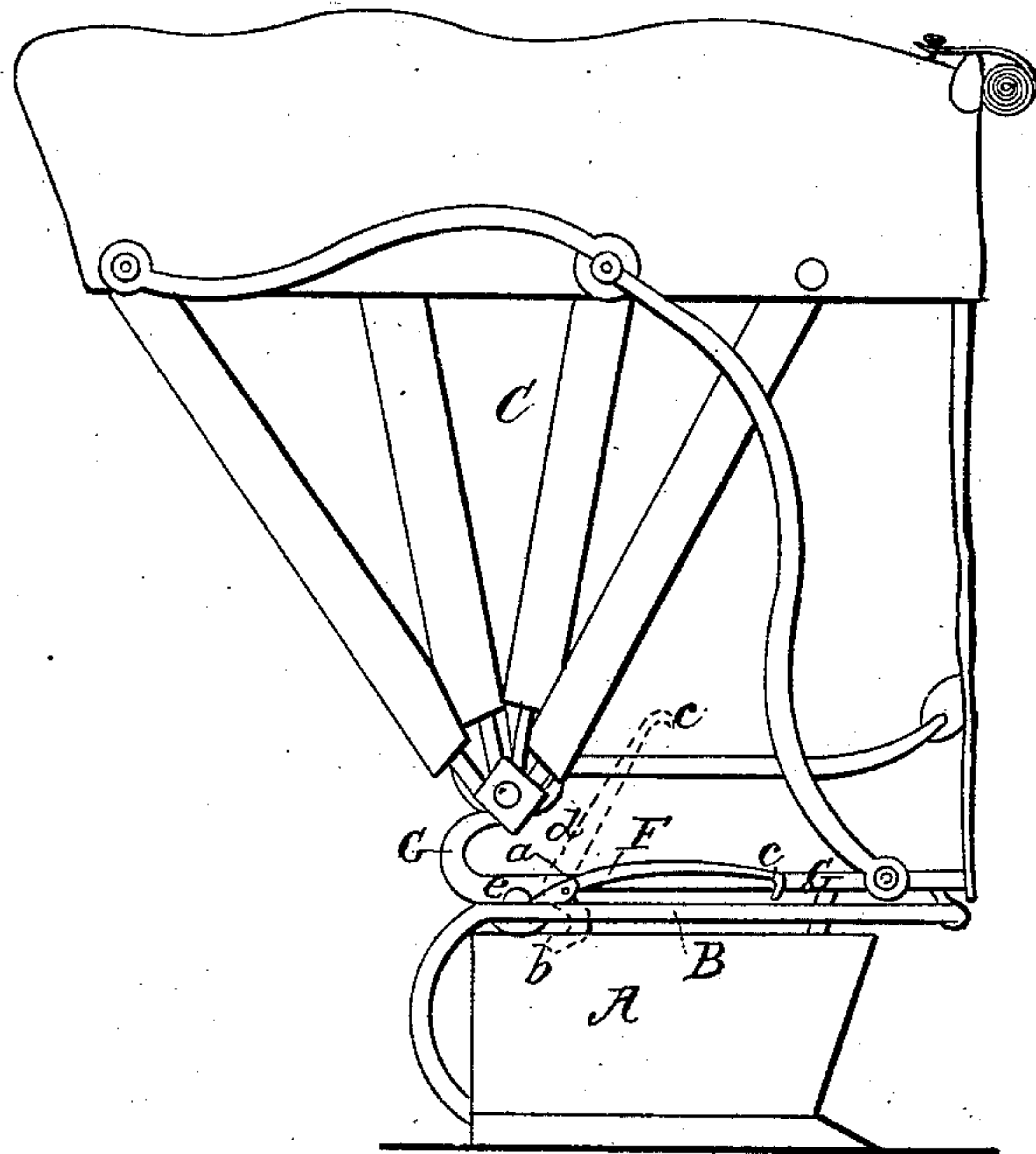
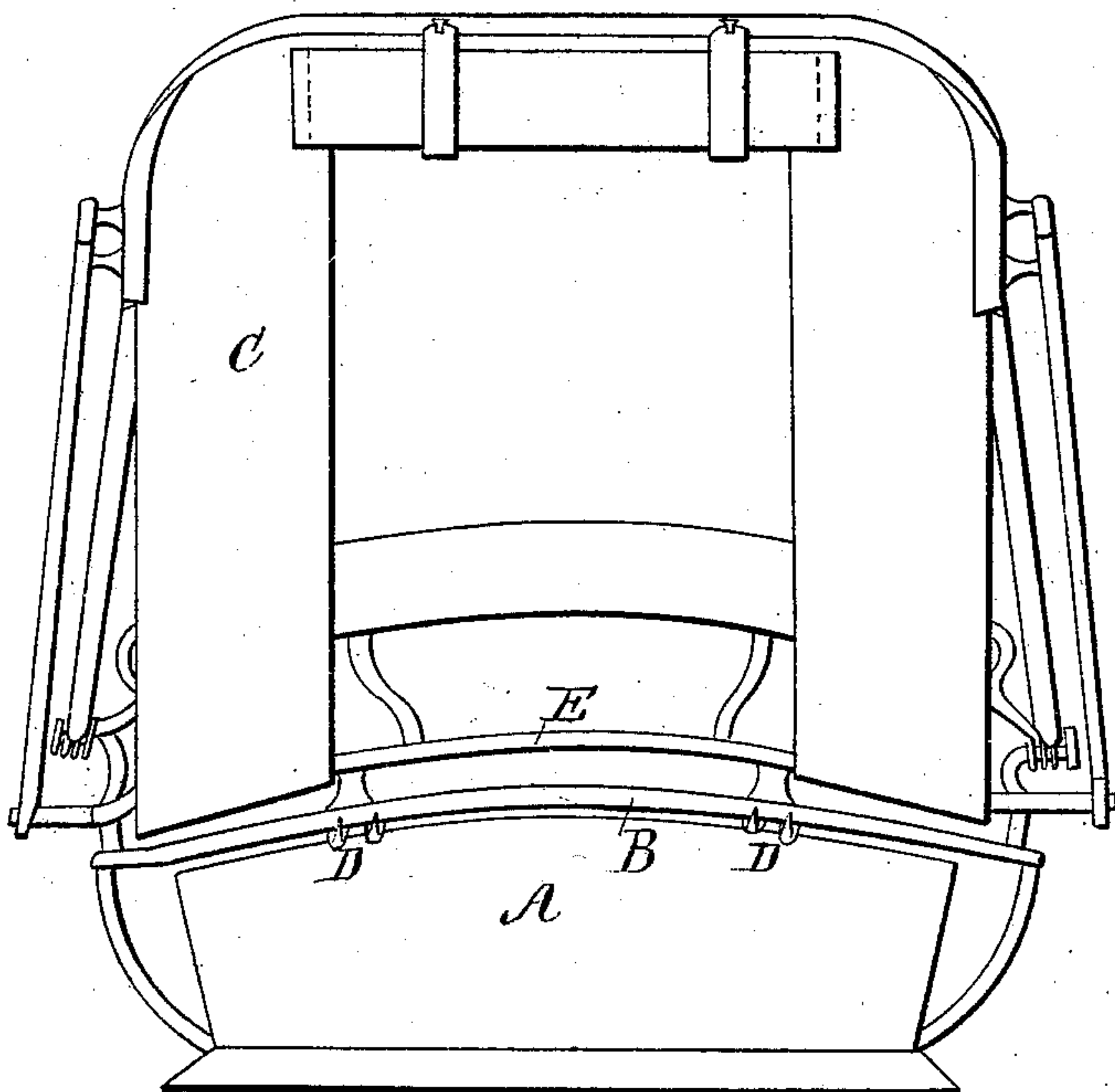


Fig: 2.



Witnesses

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W. B. SLUTTER, OF WARSAW, INDIANA.

Letters Patent No. 93,759, dated August 17, 1869.

IMPROVED DEVICE FOR SHIFTING BUGGY-TOPS.

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, W. B. SLUTTER, of Warsaw, in the county of Kosciusko, and State of Indiana, have invented certain new and useful Improvements in a Device for Shifting Buggy-Tops; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side view of the buggy-top.

Figure 2, a view of the back side.

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

This invention relates to a device for securing a calash or top to the buggy-seat, so that said top can be put on or taken off as may be desired, thereby converting the carriage into an open or covered one at will.

In the drawing—

A, fig. 1, represents a buggy-seat, of which B is the rail, running around the upper edges of the sides and back of the same.

C is the calash, and is secured to the seat by means of the claws D, fig. 2, proceeding from the rail E of the calash, and clasped around the rail B of the seat, thereby securing the back of the top to the back of the seat.

The front of the calash is secured to the front of the seat by means of the spring-lever F, pivoted, at the point a, to the side rail G of the calash.

It will be observed that the short arm of the lever is curved into a hook, b, whereas the long arm is straight, and terminates with a hook, c. A lever of this character is arranged at each side of the seat, and

operated for securing the front of the top to the seat, as follows:

Fig. 1 represents the calash as attached to the seat at the back, by means of the claw-hooks above described, and at the front by the hook-end of the lever, which is caught under the lug or rest e, projecting from the inner side of the rail B of the seat, and which is thus held in engagement with the lug by the hooks c of the long arm being sprung under the rail G, alongside of which it lies, as shown in the drawing.

In order to detach the top from the seat, the hook c of the lever is released from the rail G, which is then thrown upward, as indicated by the dotted lines d, thereby disengaging the hook b from the lug or rest e. The calash can now be taken off by simply raising the front and tilting it back, until the claw-hooks can be disengaged from the rail, which will allow of its being removed from the seat.

By this simple device, which requires but little skill to manipulate, a covered buggy is easily and quickly converted into an open one, and an open one, or one from which the calash has been removed, be as quickly converted into a top or close one.

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

The combination of the rails G B, lug or rest e, spring-lever F, and claw-hooks D, arranged to operate in relation to each other, for the purpose of attaching the calash to the seat A, substantially in the manner as herein described.

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Witnesses:

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