

O. E. MALLORY.
Moving Carriage Top.

No. 104,863.

Patented June 28, 1870.

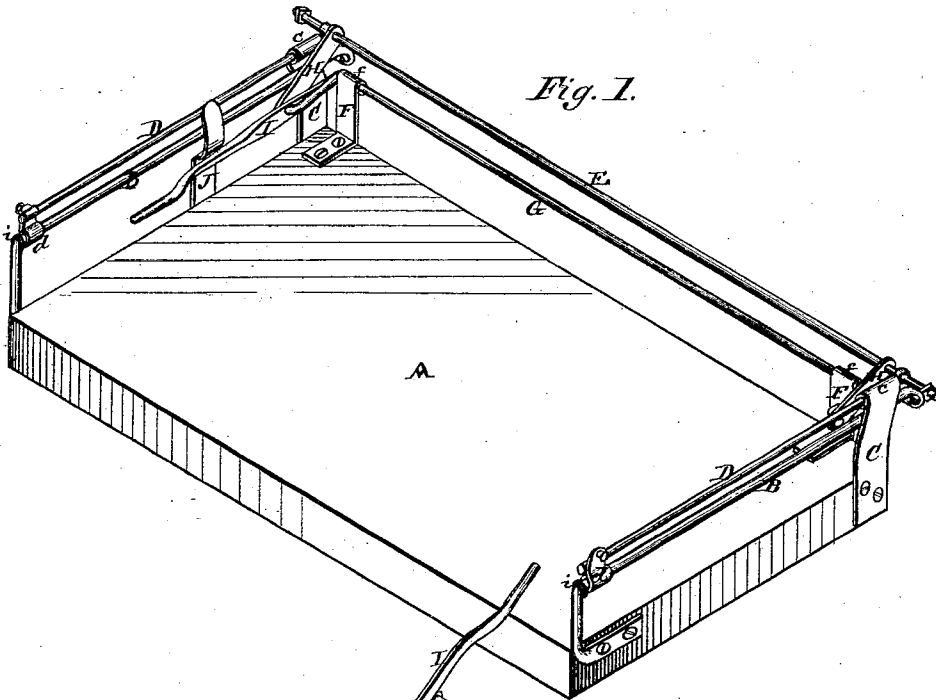


Fig. 1.

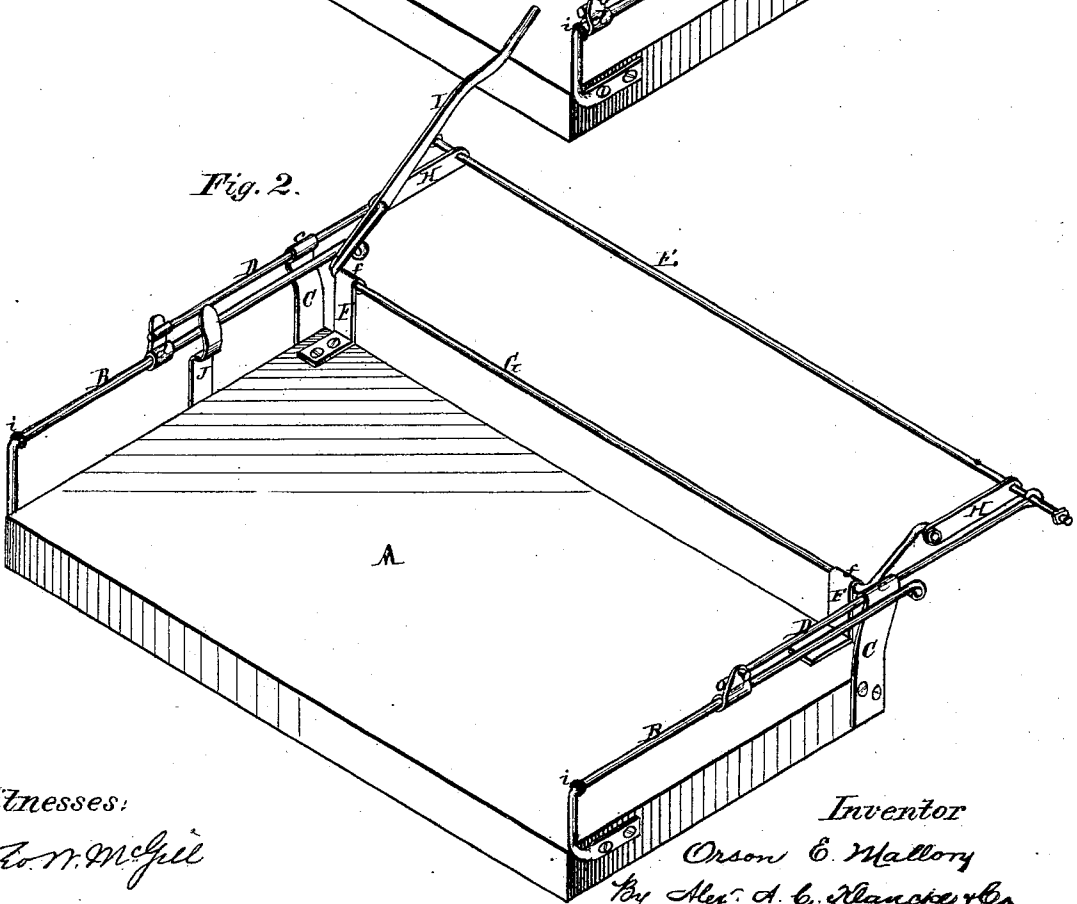


Fig. 2.

Witnesses:
G. M. McNeil

Inventor
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United States Patent Office.

ORSON E. MALLORY, OF BATAVIA, NEW YORK.

Letters Patent No. 104,863, dated June 28, 1870.

IMPROVEMENT IN MOVING CARRIAGE-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, ORSON E. MALLORY, of Batavia, in the county of Genesee and State of New York, have invented a new and useful Improvement in Moving Carriage-Tops; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the art to which my invention appertains to fully understand and use the same, reference being had to the accompanying drawing which makes part of this specification, and in which—

Figures 1 and 2 are perspective views of my invention, in different positions.

Like letters of reference indicate like parts in both figures.

The nature of my invention consists in attaching the top of a carriage to a frame, which slides horizontally on the railing or frame of the seat, so that the top may be moved back or forward at pleasure.

A, in the drawing, represents a carriage or buggy-seat, provided with side railings B, which, at the rear, are supported by standards C, having a loop, *c*, on their upper ends.

Through each loop *c* passes a rod, D, being provided at its forward end with a loop, *d*, loosely encircling the railing B, and connected at the rear end to a cross-rod E.

At the rear of the seat A are formed or secured standards F, provided at their upper ends with loops *f*, which form the bearings of a rod, G, the ends of which are bent at right angles, just outside of the loops *f*, and again at their extreme ends, and are provided with links H, the other ends of which latter encircle rod E.

At one side, the bent part of rod G is elongated, to

form a lever, I, by means of which the frame D E (to the points *b* of which the top is attached) is moved forward and backward.

A spring catch, J, holds the lever I in position when the top is moved forward.

When the parts are in position, as shown in fig. 1, and the lever I is raised, the bent parts of rod G revolve in their bearings, and force back the links H, and, by means of these latter, the frame D E, which carries the top. By bringing the lever I back again, the top is made to slide forward in the same manner.

To prevent jarring when the frame is moved forward, I place India rubber, or other suitable cushions, *i*, at the forward end of the railing B, against which the loops *d* of the frame bear when the frame is in its forward position. Thus all jarring of the frame is prevented.

It is obvious that the rods D may slide on a frame separate from the railings or frame B of the seat, and that any kind of a top, folding or not, may be employed on the sliding frame.

Having thus described my invention,

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

1. A wagon or carriage-top, made to slide horizontally forward and backward over the seat, substantially in the manner herein described.

2. The combination of the frame D E, rod G, links H, cushions *i*, and lever I, substantially as and for the purpose set forth.

O. E. MALLORY.

Witnesses:

M. H. PECK,
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