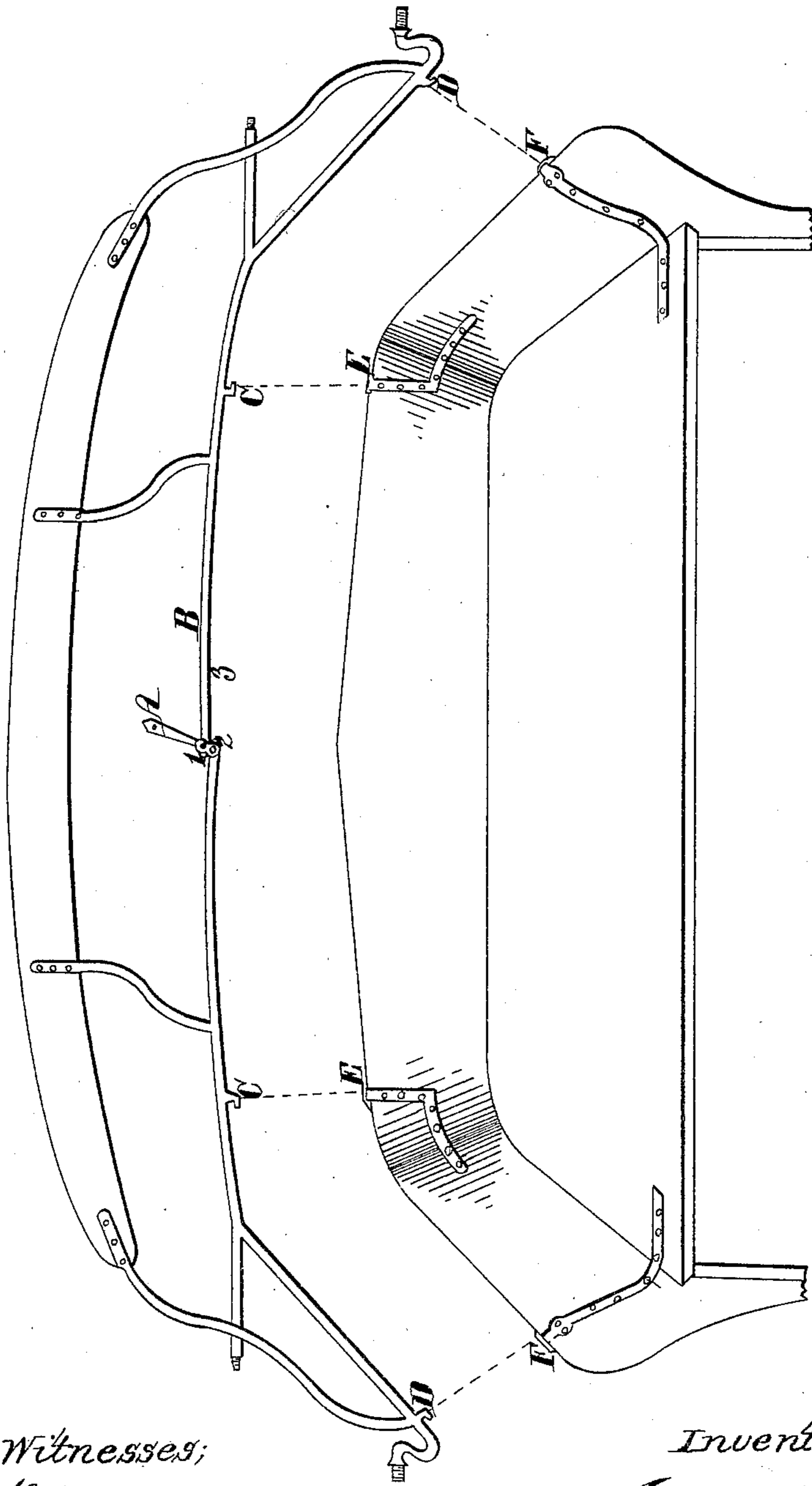


J. ZAHM.
Shifting-Rail.

No. 62,719.

Patented Mar. 5, 1867.



Witnesses;
J. P. Mullett
L. B. Green

Inventor;
Joseph Zahm

United States Patent Office.

JOSEPH ZAHM, OF FREDONIA, NEW YORK.

Letters Patent No. 62,719, dated March 5, 1867.

IMPROVEMENT IN SHIFTING RAIL FOR CARRIAGE SEATS.

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, JOSEPH ZAHM, of the village of Fredonia, Chautauqua county, State of New York, have invented a new and improved mode of fastening and securing a Portable or Shifting Top for Carriages; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, such drawing being made a part of this specification.

The nature of my invention consists in a joint in the rail or seat-bar, by means of which the rail or bar is lengthened and shortened, and in the working of said joint by a lever, and in the fastening of said lever; thereby the top of a carriage is easily shifted, and is securely and firmly fastened, without the use of nuts, screws, or keys.

To enable others to use my invention, I will proceed to describe its construction and operation.

Figures 1 and 2 represent section end of seat-rails B B, working in the joint, and which are kept in position by lever A and a similar strap on the outer side of the seat-rail B B, but not extending beyond the width of the rail, and which are securely riveted to the seat-rail or bar at the section ends of the seat-rail, and thus made to form the joints spoken of and named. A represents the lever, by means of which the joint is worked, and the seat-rail or bar B B is lengthened and shortened, which moves and operates the hooks C C, fastening and securing them firmly in mortises E E. Lever A is also a spring, and when brought down springs over and on pins 3 on bar B B, and this prevents the working of the joint.

In putting on a top first insert the front hooks or ends of rods D D in mortises F F; then insert hooks C C in mortises E E; then bring down the lever A beside the bar B B, which lengthens the same and places the hooks in proper place in and under mortises E E, and prevents the same from lifting out of position, making the top strongly and firmly fastened. To remove a top from over and off the seat, place a finger on the thumb-piece on lever A, springing it forward and unfastening it from pin 3, and then turning the lever upwards and backwards, which works the joint and shortens the seat-rail B B, and draws hooks C C fully into the mortises E E, so that they can be lifted out from the mortises and the top removed.

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

The joint and lever above described, and the use and application of the same for the uses and purposes above described. Dated June 11, 1866.

JOSEPH ZAHM.

Witnesses:

J. P. MULLETT,

L. R. GREENE.