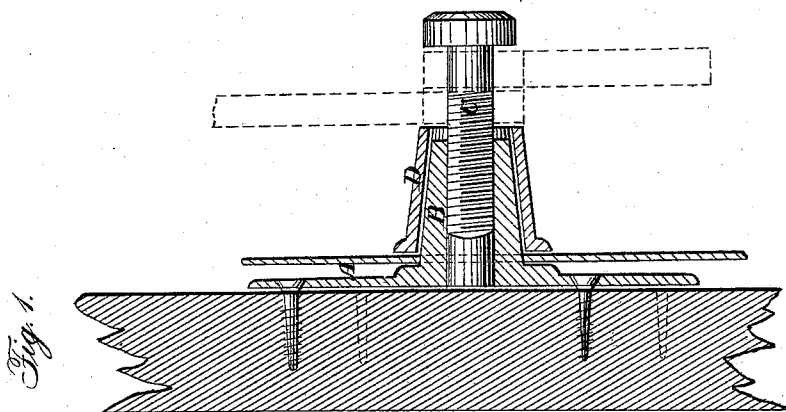
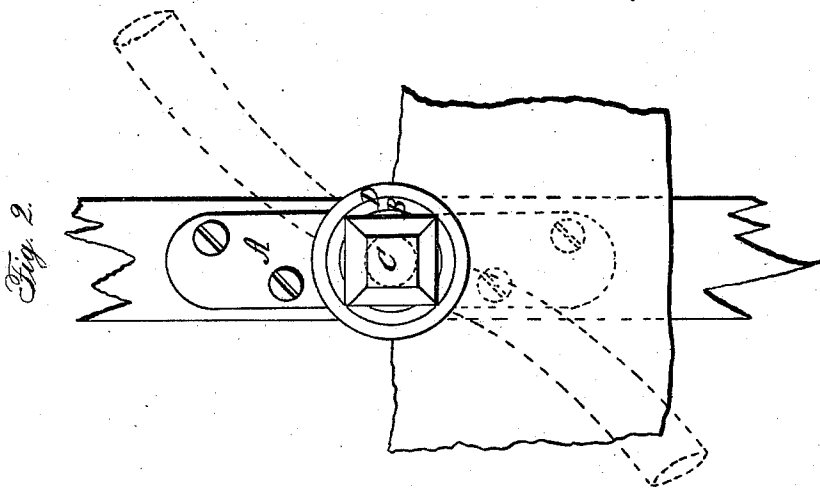


R. S. GRUMMON.

Carriage-Top.

No. 64.010.

Patented Apr 23, 1867.



Witnesses:

*F. A. Jackson*  
*Jas. A. Service*

Inventor:

*R. S. Grummon*  
*Per, Munns*  
*Attorney.*

# United States Patent Office.

R. S. GRUMMON, OF NEWARK, NEW JERSEY.

*Letters Patent No. 64,010 dated April 23, 1867.*

## IMPROVEMENT IN TOP PROP FOR CARRIAGES.

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, R. S. GRUMMON, of Newark, in the county of Essex, and State of New Jersey, have invented a new and improved Top Prop for Carriages; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a longitudinal central section of this invention.

Figure 2 is an end view of the same.

Similar letters of reference indicate like parts.

This invention relates to a top prop which is composed of a socket which rises from a suitable bracket, and which is formed to receive a bolt or screw in such a manner that the end of the socket forms a shoulder for the joint bars to bear against, and a top prop is obtained which is durable, easily made, and readily kept in order. A thimble fitted over the socket, and held down by the action of the bolt or screw, serves to clamp the leather covering between its inner edge and the bracket so as to hold said leather securely in position, and effectually prevent the entrance of rain.

A represents the bracket, which is cast solid with the socket B. This socket is bored out and tapped to receive the screw C, or, instead of this, it may be formed from the inside so that a suitable bolt inserted in it is prevented from slipping through, and the bolt may be provided with a nut. The bolt or screw C forms the bearing for the joint bars, which are confined between the outer edge of the socket and the head of the screw. The head of the bolt C is fast thereto, and is formed and ornamented in the manner of whatever capped nuts may be in use, thereby obviating the common nuisance of a nut jarring loose. On the outside of the socket is fitted a thimble, D, which is pressed down against the bracket by the screw or nut, and which serves to clamp the leather covering between its inner edge and the bracket. By this arrangement the leather covering is held firmly in position, and the joint between the covering and bracket is rendered water-tight, thus preventing the rain from finding its way to the interior of the carriage, and a top prop is obtained which is durable, easily made, and readily put in position.

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

The solid-headed screw C, when used in combination with the socket B and thimble D, constructed and operated substantially as described for the purpose specified.

R. S. GRUMMON.

Witnesses:

RICHARD GUMERSELL, Jr.,  
CHAS. W. BADGER.