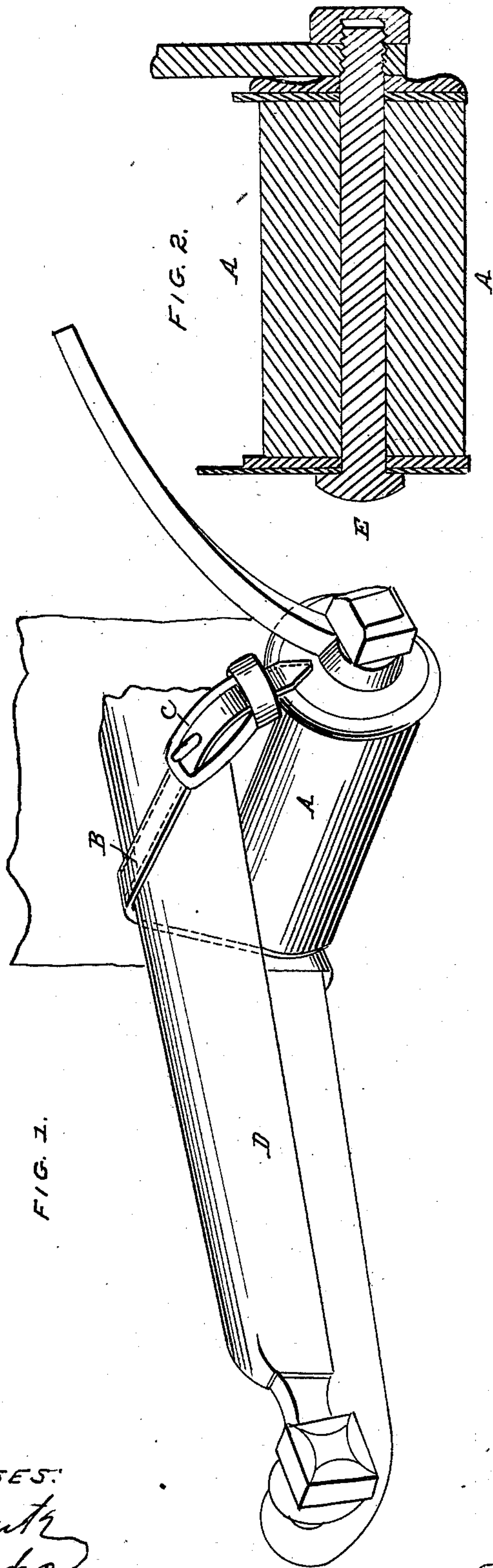


J. PALMER.  
Buggy Top Roller.

No. 74,414.

Patented Feb. 11, 1868.



WITNESSES:  
*H. C. Hunt*  
*H. W. Clarke*

INVENTOR:  
*John Palmer*

# United States Patent Office.

JOHN PALMER, OF MECHANICSBURG, PENNSYLVANIA.

*Letters Patent No. 74,414, dated February 11, 1868.*

## IMPROVEMENT IN BUGGY-TOP ROLLER.

*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, JOHN PALMER, of the town of Mechanicsburg, county of Cumberland, and State of Pennsylvania, have invented a new and improved "Mode of Preventing Buggy-Tops from Rattling;" and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

Figure 1 is a perspective view, exhibiting the joint of the top as connected with the seat of a buggy or falling-top vehicle, and the elastic cylinder for tightening and fastening the bow firmly to prevent any rattling noise.

Figure 2 represents a sectional view of the elastic cylinder and joint of the buggy-top.

The nature of my invention consists in the gum-elastic cylinder fitted tightly on to the bolt, by which the top is fastened to the seat, and upon which the bows of the top rest, and by which any noise or rattling is prevented. A strap and buckle are fastened at each end of the cylinder, and when the top of the buggy is down it rests upon the elastic cylinder, and the strap is buckled over the bows, holding the bows firmly on to the elastic cylinder, which prevents the bows from cutting the curtain, or rattling.

A represents the gum-cylinder, fitted tightly on to the pivot-bolt F, with a screw-cut head or nut, to tighten the cylinder between the washers G G at each end, and prevent the washers and the supports of the top from rattling. B is the leather strap, and C the buckle attached to each end of the cylinder, and when buckled around the bows of the top when down, the bows are firmly held on to the gum-cylinder, and rattling noises are completely prevented, either by the bows or at the ends of the cylinder, that result from the use of metallic or wooden cylinders, frequently very annoying.

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

The combination of a gum-elastic cylinder A, and its strap and buckle B and C, with the screw-bolt F and top bows D of a falling-top buggy, as herein described and for the purposes set forth.

JOHN PALMER.

Witnesses:

A. C. KLINK,  
H. W. CLARKE.