W. N. HURT.

VEHICLE TOP SUPPORT.

APPLICATION FILED OCT. 31, 1907.

899,669. Patented Sept. 29, 1908.

Fig. 1.

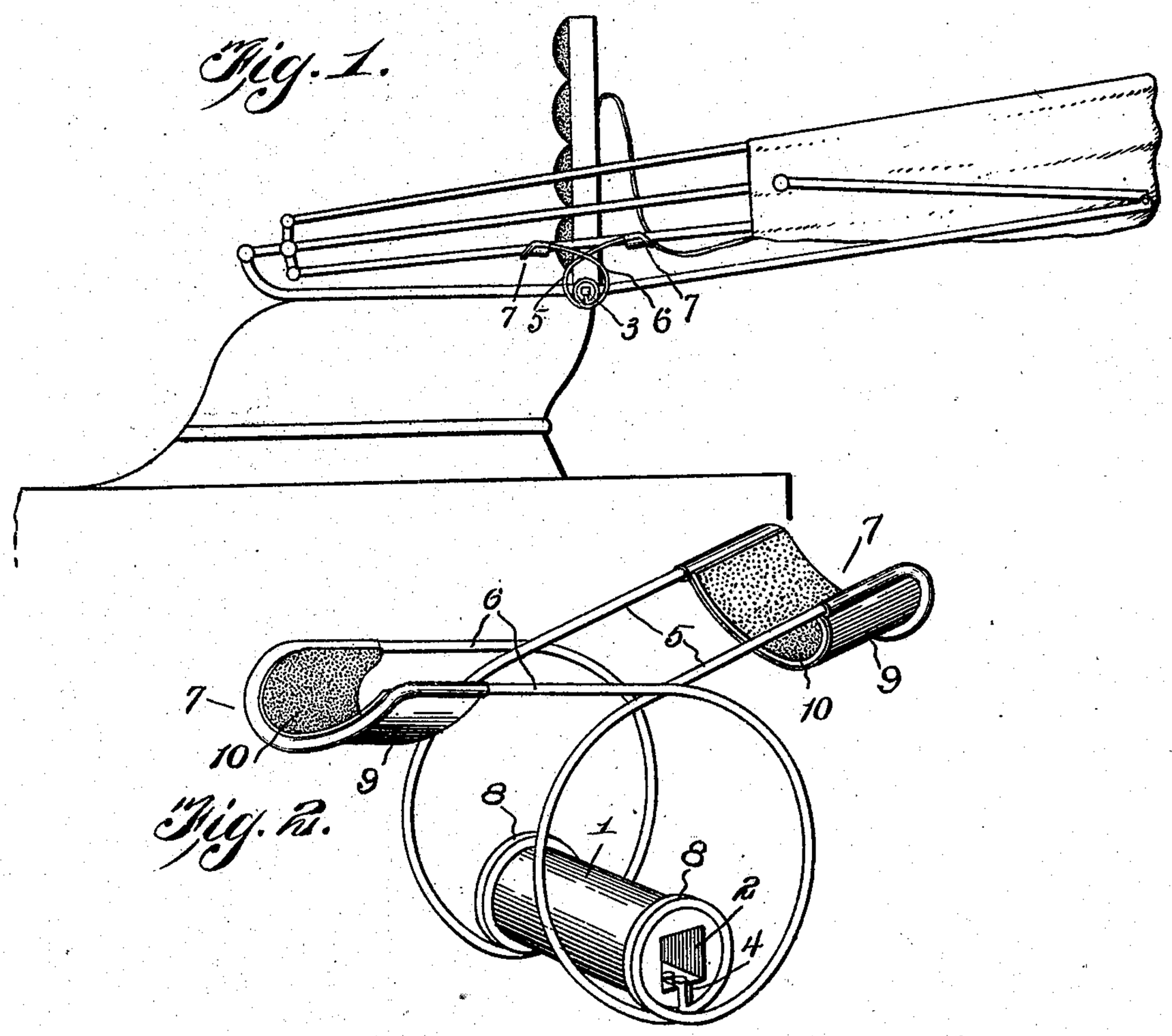

Fig. 2.

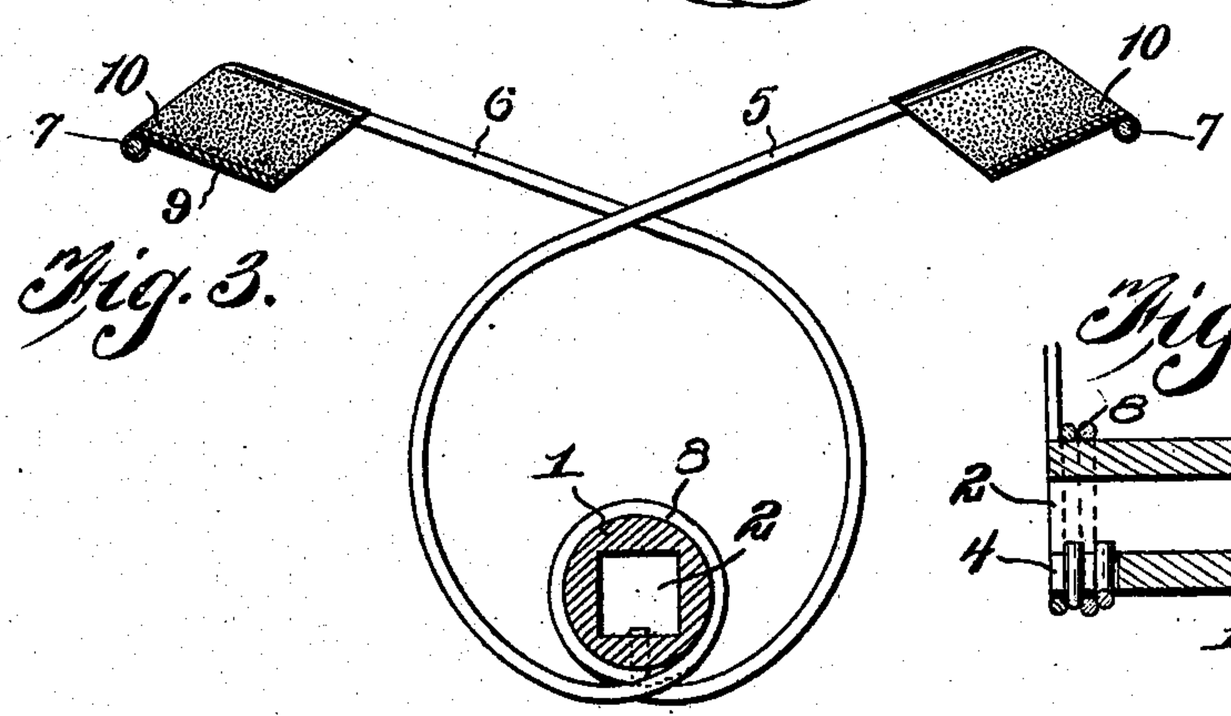

Fig. 3.

Fig. 4.

Witnesses

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VEHICLE-TOP SUPPORT.

No. 899,669. Specification of Letters Patent. Patented Sept. 29, 1908.

Application filed October 31, 1907. Serial No. 400,050.

To all whom it may concern:

Be it known that I, WILLIAM N. HURT, a citizen of the United States, residing at Shawnee, in the county of Pottawatomie and State of Oklahoma, have invented certain new and useful Improvements in Vehicle-Top Supports; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in vehicle top supports.

The object of the invention is to provide a support for vehicle tops when in a lowered position to prevent the racking of the same and the strain on the parts occasioned by the jarring of the vehicle.

With this object in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be described hereinafter and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side view of a portion of a vehicle and its top showing the application of the invention thereto; Fig. 2 is a perspective view of my improved support removed from the vehicle; Fig. 3 is a vertical longitudinal sectional view; and Fig. 4 is a central sectional view of the same.

Referring more particularly to the drawings, 1 denotes an attaching sleeve, which is preferably provided with a rectangularly shaped bore, 2, adapted to be engaged with the top supporting pin or bolt, 3, with which the vehicle seat is usually provided. In the lower side of the sleeve 1 adjacent to its opposite ends are formed inwardly projecting notches, 4.

Arranged on the sleeve 1, is a pair of top supporting springs, 5 and 6, each of which is preferably formed from a single piece of spring wire and project in opposite directions on each side of and above the sleeve, 1. In forming the springs 5 and 6, the rod or wire is bent midway between its ends to form substantially V-shaped loops, 7. The inner ends of the loops 7 are bent to form spring coils, 8, after which said ends are bent around the sleeve 1 and are turned inwardly and engaged with the notches, 4, in the lower side of the sleeve, said ends being securely held in place by said notches.

The outer or looped ends of the springs are preferably bent downwardly at an angle to form seats, and to said downwardly bent looped outer ends is connected a curved sheet metal supporting plate, 9, said plate being provided with a pad or covering, 10, of leather or other suitable material which will prevent the bows from being scratched or marred when engaged with the supporting springs. In arranging the springs upon the sleeve, 1, one of the same is disposed within the other, the loop of the inner spring projecting through the loop of the outer spring and in a direction opposite thereto.

By providing two spring supports and arranging the same as herein shown and described, a firm, substantial support is afforded for the buggy top when in a lowered position, and the weight of said top is distributed evenly on all sides of the supporting pin or bolt, 3, thereby preventing torsional strain on the same, which would occur should but one spring or loop be provided. In this arrangement of the spring supports, their side bars engage whereby the supports serve to brace and strengthen each other, thus enabling them to firmly resist lateral strain.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent, is:

In a vehicle top support, an attaching sleeve, a loop-shaped bow supporting spring secured at its inner ends to said sleeve and projecting laterally therefrom, and a loop-shaped bow supporting spring also secured at its inner end to said sleeve and projecting in an opposite direction from and through said first mentioned spring, said springs having their side bars engaging, thereby strengthening and bracing each other, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM N. HURT.

Witnesses:

ROSS F. GOCKRIDGE,

GEO. W. CROSSAN.