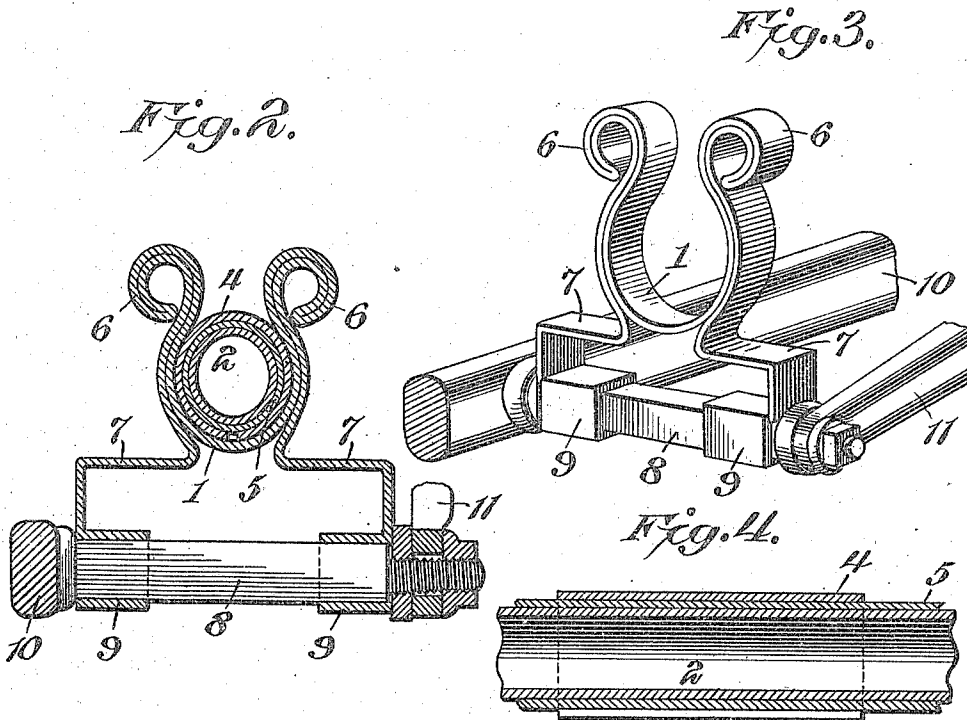
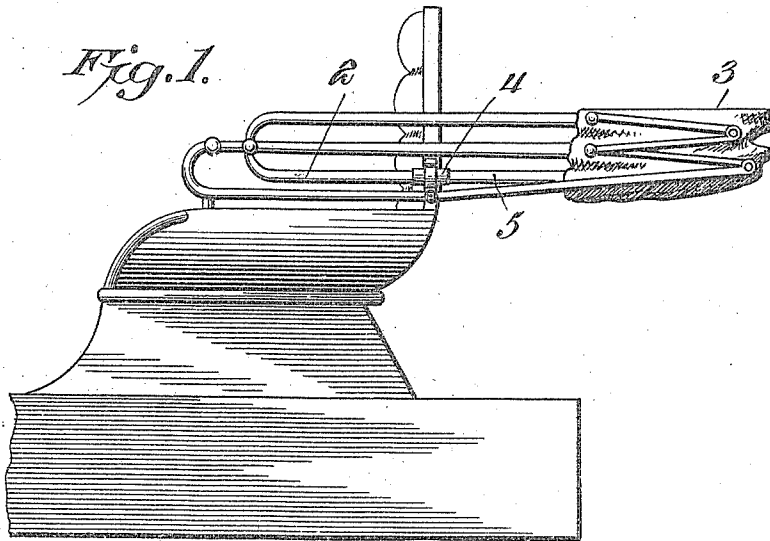


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BUGGY TOP SUPPORT.
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947,738.

Patented Jan. 25, 1910.



Witnesses
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ELIJAH McCOY, OF CARTHAGE, MISSOURI.

BUGGY-TOP SUPPORT.

947,738.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed August 6, 1908. Serial No. 447,302.

To all whom it may concern:

Be it known that I, ELIJAH McCOY, a citizen of the United States, residing at Carthage, in the county of Jasper and State of Missouri, have invented a new and useful Buggy-Top Support, of which the following is a specification.

The invention relates to a buggy bow and buggy top support and protector.

The object of the present invention is to improve the construction of buggy top supports and protectors, and to provide a simple, inexpensive and efficient device adapted to be readily applied to a buggy or similar vehicle, and capable of reinforcing and protecting the rear bow and of cushioning and preventing the top from jolting up and down and breaking or bending the bows while the vehicle is being driven over a rough road.

A further object of the invention is to provide a cushioning support and protector of this character having means for automatically gripping and holding the carriage top when the same is lowered.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims here-to appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—Figure 1 is a side elevation of a portion of a buggy provided with a buggy bow and buggy top support and protector, constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view of the buggy bow and buggy top support and protector, illustrating the manner of engaging the rear bow. Fig. 3 is a perspective view of the buggy bow and buggy top support and protector. Fig. 4 is a detail sectional view of the rear bow, illustrating the arrangement of the resilient sleeve.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

The buggy bow and buggy top support and protector is constructed of a single strip of spring metal, which is bent at the center to form a substantially U-shaped resilient seat 1, adapted to receive, support and clamp

the rear bow 2 of a buggy top 3, when the latter is lowered, as illustrated in Fig. 1 of the drawing. The U-shaped seat or clamp has a substantially oval-shaped bottom portion to conform to the configuration of the rear bow 2, and it is expanded by the latter, as illustrated in Fig. 2 of the drawing. The space between the upper portions of the sides of the U-shaped seat or clamp is of a width less than the diameter of the rear bow, and in order to avoid scratching or otherwise marring the latter, the rear bow is equipped with a protecting and strengthening sleeve 4, constructed of resilient sheet metal, or other suitable material and split longitudinally at the bottom to enable it to be readily applied to the rear bow. The sleeve, which extends in advance and in rear of the seat when the buggy top is lowered, prevents the leather covering 5 of the rear bow from being scarred or otherwise marred by the use of the buggy bow and buggy top support and protector.

The metal of which the device is constructed is doubled at each side of the combined seat and clamp to form two leaves or thicknesses, and the doubled portions are partially coiled or bent exteriorly at the upper end of the sides to form spaced top rolls 6, which are located at the top or entrance of the seat 1. The rolls 6 stiffen and reinforce the device and at the same time provide a flaring mouth or entrance having smooth side faces and adapted to enable the rear bow to automatically engage the device when the buggy top is lowered. When the buggy top is raised, the rear bow is automatically carried out of the seat 1.

The device is provided at the inner and outer sides of the combined seat and clamp with approximately L-shaped legs 7, formed by bending the metal outward horizontally at each side of the seat and then downward in a vertical direction. The horizontal portions of the legs of the device are resilient and adapted to spring upward and downward to yieldably support the seat and cushion the buggy top. The horizontal portions of the legs may be varied in length to increase and diminish the resiliency or cushioning action of the device, and they are secured to the arm 8 by means of horizontally aligned sleeves 9, formed integral with the legs 7 and extending inwardly from the lower ends of the ver-

tical portions thereof. The arm 8, which projects horizontally from the seat rail 10, forms a pivot for the brace 11 and is square in cross section. The sleeves 9, which are
 5 rectangular to conform to the configuration of the arms 8, hold the device in a perpendicular position, and prevent the same from tilting backwardly or forwardly. The sleeves are secured on the arms 8 by the
 10 means for securing the braces 11 to the outer ends of the said arms.

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

15 1. A buggy top support consisting of a strip of flat metal doubled at an intermediate point to form two bow clamping sides and a bottom connecting bow supporting
 20 portion, the bow being clamped upon the bottom by the said sides for holding a buggy top against upward movement, said metal being bent backward on itself at each side to form two contiguous leaves or thick-
 25 nesses, the terminals of the metal being extended outward from the sides to form resilient connecting portions and then downward to provide supporting legs.

30 2. A device of the class described constructed of a single strip of spring metal bent at an intermediate point to form a substantially U-shaped seat arranged to receive and clamp a bow, the terminals of the strip forming approximately L-shaped legs composed of horizontal portions connected
 35 with the sides of the seat and forming a cushion for the same, and vertical portions provided at their lower ends with inwardly extending sleeves arranged to fit on the arm of a vehicle.

3. A buggy top support consisting of a
 40 single strip of spring metal bent at an intermediate point to form a seat, the terminals of the strip being approximately L-shaped and composed of outwardly extend-
 45 ing horizontal portions connected with the sides of the seat and forming a cushion for the same, and vertical portions provided at their lower ends with means for engaging the arm of a vehicle.

4. A device of the class described constructed of a single piece of spring metal
 50 and consisting of an approximately U-shaped seat supporting the carriage bow in its lower portion and having the metal doubled at each side to form two contiguous
 55 leaves or thicknesses, and the two leaves or thicknesses at each side being bent or partially coiled at their upper ends to form exterior rolls having two leaves or thicknesses,
 60 and legs supporting the seat.

5. A device of the class described constructed of a single piece of spring metal and consisting of an approximately U-
 65 shaped seat having the metal doubled at each side to form two leaves or thicknesses, and the sides being bent or partially coiled at their upper ends to form exterior rolls, and legs supporting the seat and having upper resilient cushioning portions and provided at the bottom with sleeves to fit the
 70 arm of a vehicle.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ELIJAH McCOY.

Witnesses:

LEIGH I. DODWELL,
 W. E. DEEMER.