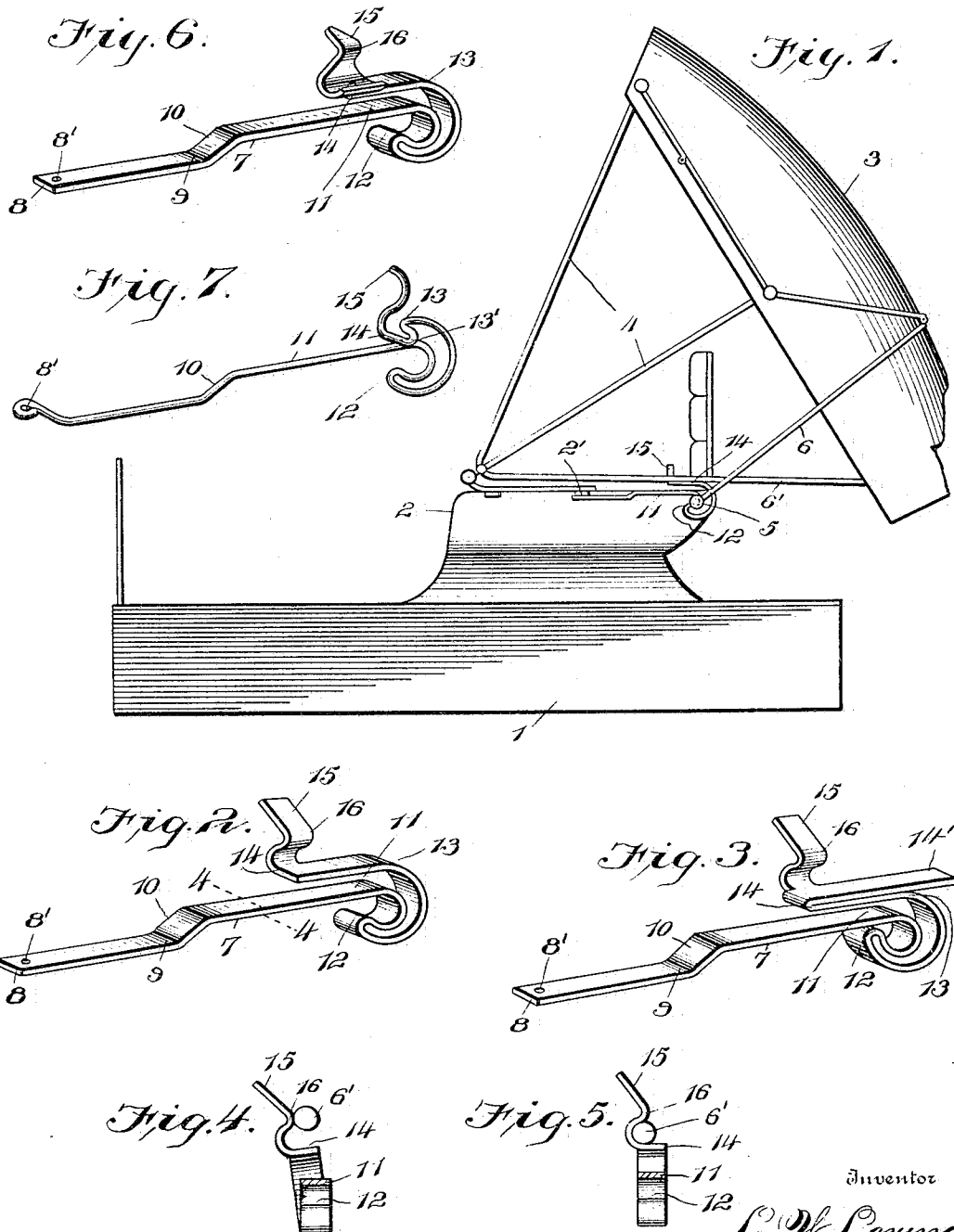


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L. W. LOVING.
BUGGY TOP SUPPORT.
APPLICATION FILED DEC. 23, 1903.

NO MODEL.



Witnesses

J. P. Brett
C. C. Luffey

Inventor

L. W. Loving

By

C. E. Duffey & Son

Attorneys

UNITED STATES PATENT OFFICE.

LESLIE WAGGENER LOVING, OF PIGGOTT, ARKANSAS, ASSIGNOR OF ONE-HALF TO J. M. MYERS, OF PIGGOTT, ARKANSAS.

BUGGY-TOP SUPPORT.

SPECIFICATION forming part of Letters Patent No. 766,366, dated August 2, 1904.

Application filed December 23, 1903. Serial No. 186,364. (No model.)

To all whom it may concern:

Be it known that I, LESLIE WAGGENER LOVING, a citizen of the United States, residing at Piggott, in the county of Clay and State of Arkansas, have invented certain new and useful Improvements in Buggy-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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to supports for buggy-tops, and has for its object to provide a support of this character which is very simple in construction, easy to attach, strong, yielding, and efficient.

The object of my invention is to provide a support for the buggy-top which when let down will furnish a spring cushion or seat for the buggy-top that will prevent the bows from becoming bent or broken and which will take the strain of sudden jars and jolts off of the buggy-top, thereby keeping the buggy-top in good condition, easy to put on, and out of the way when the buggy-top is raised.

A further object of my invention is to provide a support for buggy-tops which cannot become accidentally detached after having been secured in position.

With these objects in view my invention consists in the shape and construction of the buggy-top support and in the novel manner of securing the same to the buggy in combination with the seat and buggy-top.

Referring to the accompanying drawings, Figure 1 is a side elevation of a buggy-top and body, showing top partly lowered and the buggy-support in position. Fig. 2 is a perspective view of the preferred construction of the buggy-top support. Fig. 3 is a similar view showing a longer bearing for the bow of the buggy-top. Fig. 4 is a vertical cross-section taken on line 4-4 of Fig. 2, showing the buggy-top bow in act of passing down upon the buggy-top support and the buggy-top support yielding or springing aside to allow the bow to pass. Fig. 5 is a similar view show-

ing bow in position. Fig. 6 is a perspective view of support having the bow-securing piece separate from the support proper. Fig. 7 is a perspective view showing how top-support may be constructed of a suitable heavy spring-wire.

Like numerals of reference indicate the same parts throughout the several figures, in which—

1 is the buggy-body, 2 the seat, and 3 the buggy-top, having the usual bow 4, and 5 is the pivotal bolt on which the bow 6 is pivoted.

7 indicates the buggy-top support, which is constructed preferably of spring-steel of a suitable width and thickness, but which may be constructed of a heavy spring-steel wire, as shown in Fig. 7. The support is preferably flat from its forward end 8 to the point 9, where it is provided with a raise 10, from whence it continues straight back to the point 11, where it curves down and under itself to the point 12, at which point it is carried back and under itself, curving up to the point 13, where it is carried forward on a straight line to its end 14, the bow-securing portion 15 extending from one side of the end 14 and is curved up and inwardly to the point 16, where it is carried outwardly and in an oblique line.

Referring now to Fig. 3, it will be seen that in order to give a longer bearing to the bow 6' the spring metal is turned back upon itself at 14, extending rearwardly in a straight line to point 14', and in Fig. 6 the bow-securing portion 15 is riveted or otherwise suitably secured to the support at the end 14.

In Fig. 7 I illustrate my buggy-top support constructed of a suitable spring-wire, the shape of which is the same as that first described with the exception that in order to provide a suitable bearing for the buggy-top bow the wire is bent outwardly at 13 to the point 13', where it is bent inwardly to the point 14, where it forms the bow-securing portion 15.

Having thus described the construction of the buggy-top support, its operation is as follows: The support is passed on and over the pivotal bolt 5, as shown in Fig. 1, in which instance it is not necessary to remove the bow

6 as the support is slipped on between the bow and the buggy-seat. The forward end is then secured on the outer side of the seat at 2', as shown in Fig. 1, by means passing through the perforations 8' in the support. The support is now in position, and the action of the same when receiving the bow is shown in Fig. 4, the top and rear portion of the support springing aside when the bow strikes the inclined portion of the bow-holder, and after the bow passes the point 16 the support springs back into normal position, as shown in Fig. 5, thereby securely holding the bow against the support, which furnishes a most resilient support for the buggy-top.

Referring to Fig. 6, it will be seen that the point 12 is carried up closer to the straight portion of the support and the opening between the two is not wide enough to allow the support to be passed over the pivotal bolt 5, as illustrated in Fig. 1. In this instance it is necessary to remove the bow 6 and pass the support over the pivotal bolt and then reattach the bow 6. The forward end 8 of the support is then secured in the manner described, and shown in Fig. 1.

Having thus set forth my invention, I do not wish to be understood as limiting myself to the exact construction herein set forth, as

various slight changes may be made therein which would fall within the limit and scope of my invention, and I consider myself clearly entitled to all such changes and modifications.

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

1. The combination with a pivotal bolt 5, of a buggy-top support having a substantially straight forward portion adapted to be secured to the buggy-seat, a curved springy rear portion adapted to be passed over the said pivotal bolt 5, the uppermost portion of said support forming a bearing for the bow of the buggy-top, and a bow-holding portion formed on said uppermost portion of said support.

2. In a support for buggy-tops, the combination with the pivotal bolt 5 of a support adapted to be slipped over said bolt and adapted to be secured to the buggy-seat a springy and resilient portion to said support and means for holding the bow of the buggy-top in position on said support.

In testimony whereof I affix my signature in presence of two witnesses.

LESLIE WAGGENER LOVING.

Witnesses:

CARL WHEELER,

H. McCLURE.