

J. P. CLINE.
BUGGY TOP SUPPORT.
APPLICATION FILED JULY 22, 1907.

930,352.

Patented Aug. 10, 1909.

Fig. 1.

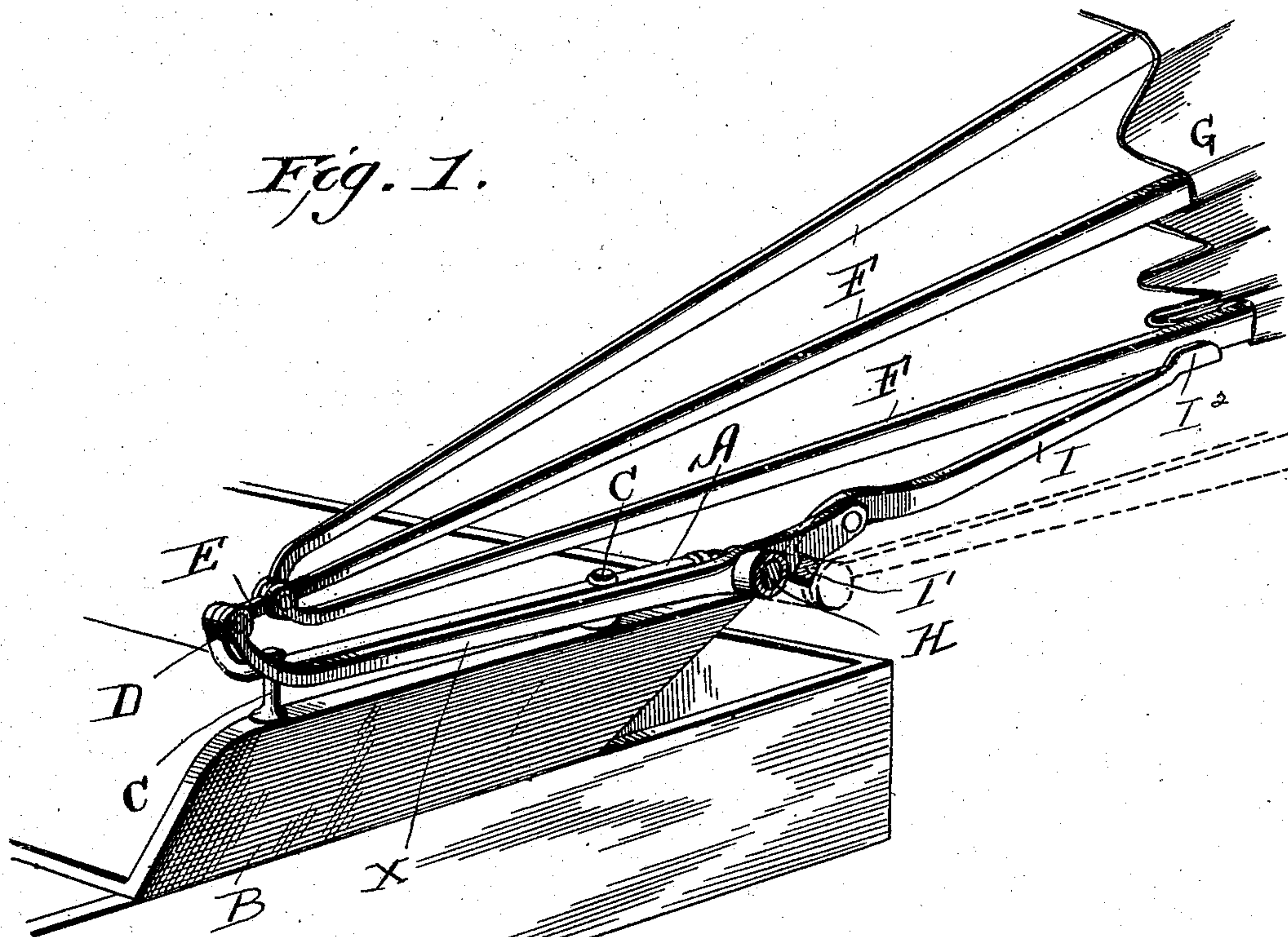


Fig. 2.

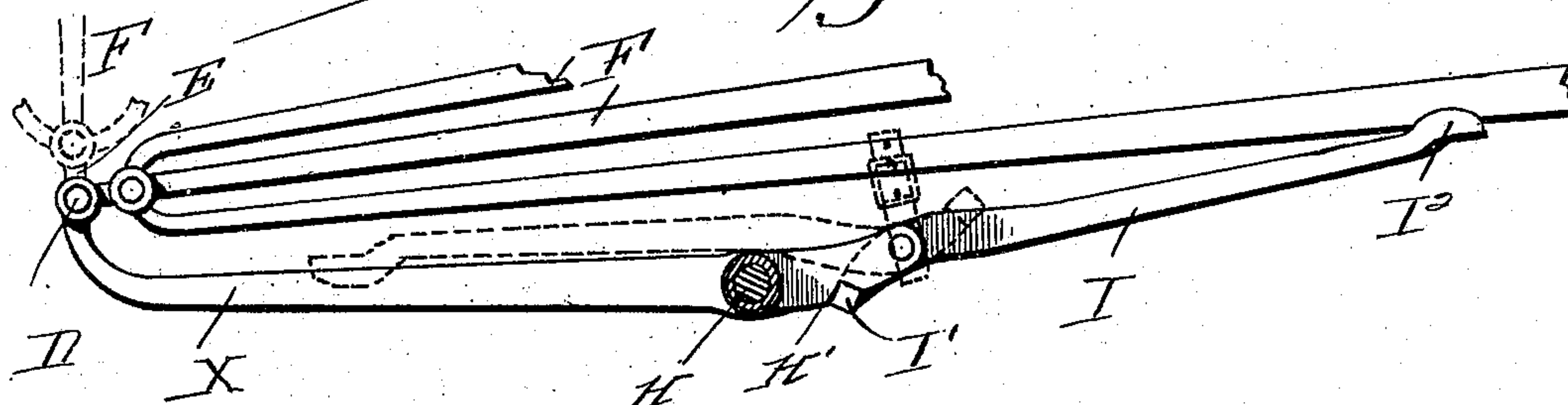


Fig. 3.

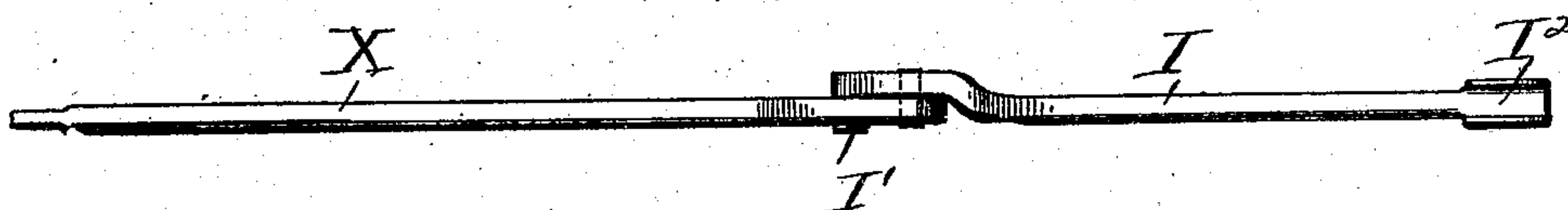
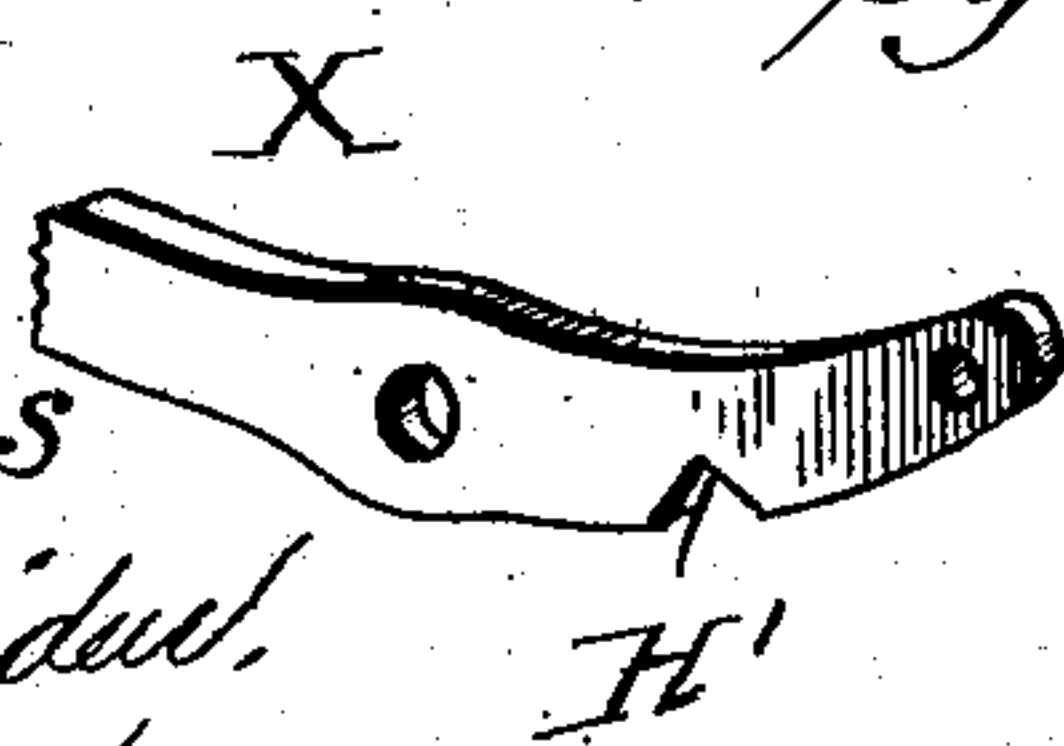


Fig. 4.



Witnesses
"H. H. H. H."
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UNITED STATES PATENT OFFICE.

JAMES P. CLINE, OF CHARITY, MISSOURI.

BUGGY-TOP SUPPORT.

No. 930,352.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed July 22, 1907. Serial No. 384,985.

To all whom it may concern:

Be it known that I, JAMES P. CLINE, a citizen of the United States, residing at Charity, in the county of Dallas and State of Missouri, have invented a new and useful Improvement in Buggy-Top Supports, of which the following is a specification.

This invention relates to certain new and useful improvements in buggy-top supports, the object being to provide a support which will relieve the pivots of the bows of the strain which they are subject to.

Another object of my invention is to provide a support which can be readily folded out of the way when not in use.

Another object of my invention is to provide a support which holds the bows up above the prop-bolt so as to prevent the leather on the bows and bolts from becoming worn by coming into contact with each other when the top is lowered.

With these objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claim.

In the drawings forming a part of this specification:—Figure 1 is a perspective view of a portion of a buggy-box and top showing my improved support in position. Fig. 2 is a side view of the side-rail, bows and supports, the support being shown in dotted lines in a folded position. Fig. 3 is a top plan view of the support detached. Fig. 4 is a perspective view, of a portion of two of the members of the support.

Referring to the drawing A indicates a side-rail secured on the side of a buggy-seat B by bolts C. The forward end of the rail being provided with a goose-neck carrying a pin D on which is pivotally mounted the heel-iron E, to which the lower ends of the bows F of the top G are pivoted.

Extending out from the rear of the side-rail is a prop-bolt H on which is secured a bar X, the forward end of which is turned up and secured on the pin D. The rear end

extends outwardly and is provided with a notch H' in its lower edge adjacent its end, in which the lug I' of the arm I which is pivotally mounted on the end of the bar H, is adapted to fit, for supporting the arm in approximately horizontal position. The outer end of the arm is provided with a socket I², adapted to be covered with rubber or leather, in which the lower bow of the top, is adapted to fit when lowered, and be supported above the prop-bolt into the rear of the same, so as to relieve the bows of the strain which they are subject to when the bows rest on the prop-bolt. The bows can be secured to the bar by a strap if desired so as to prevent the same from working up and down when traveling over a rough road. It will be seen that by having the end of the arm curved downwardly provided with a lug, the arm will be supported a little above the horizontal plane of the bar so that when the top is raised, the arm can be readily folded down so as to be out of the way.

From the foregoing description it will be seen that I have provided very novel supports which are exceedingly simple and cheap in construction, and one which can be readily placed on an ordinary buggy.

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

In a buggy top support, the combination with a side rail carrying a pin and a prop-bolt, a bar secured to the pin and bolt, said bar extending outwardly to the rear of the prop-bolt and provided with a notch in its lower edge, an arm pivotally mounted on an end of said bar to the rear of said notch, said arm being provided with a laterally projecting lug corresponding in shape to the notch adapted to fit therein, said arm being provided with a socket at its other end adapted to receive a bow.

JAMES P. CLINE.

Witnesses:

S. C. GANN,
W. W. BOGGS.