J. C. & J. M. HORN.

BUGGY TOP CLIP.

APPLICATION FILED FEB. 8, 1909.

960,326. Patented June 7, 1910.

Fig. 1.

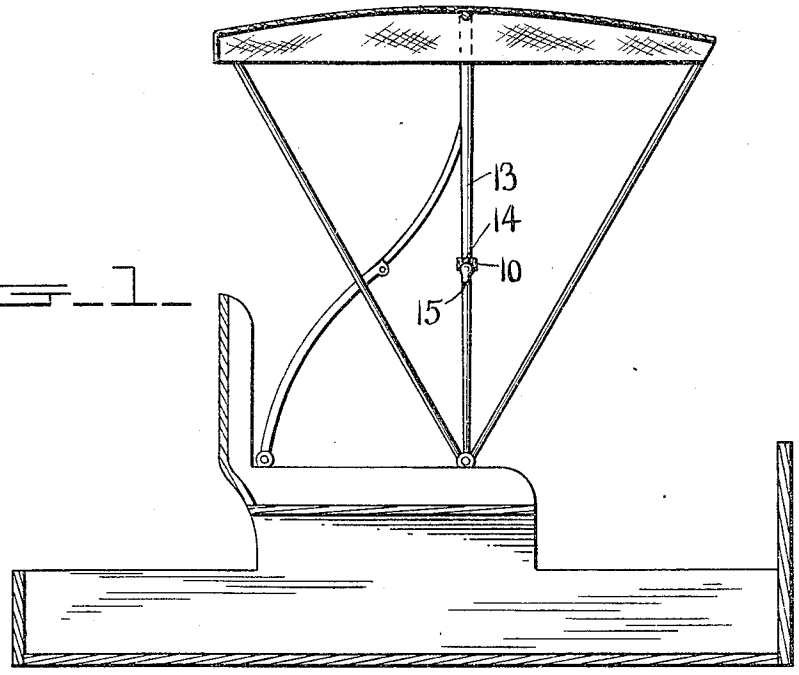


Fig. 2.

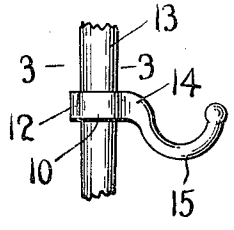


Fig. 3.

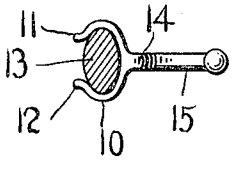
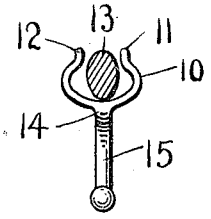


Fig. 4.



Witnesses

L. B. James

C. N. Woodward.

Inventors

John C. Horn &
Jeremiah M. Horn

By Thomas & Thomas.

Attorneys

ANDREW B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN C. HORN AND JEREMIAH M. HORN, OF ARBA, INDIANA.

BUGGY-TOP CLIP.

960,326. Specification of Letters Patent. Patented June 7, 1910.

Application filed February 8, 1909. Serial No. 476,767.

To all whom it may concern:

Be it known that we, JOHN C. HORN and JEREMIAH M. HORN, citizens of the United States, residing at Arba, in the county of Randolph, State of Indiana, have invented certain new and useful Improvements in Buggy-Top Clips; and we do hereby 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 devices adapted to be attached to stationary supports which are reduced at one end or tapered toward one end, such for instance as the bows of vehicle tops, and the improved device is more particularly applicable to devices of this character.

The object of the invention is to provide a simply constructed attachment, which may be readily applied and employed for suspending various articles.

The improved device will be found especially convenient for use in connection with the folding tops of vehicles, such as buggies and carriages, and some forms of the folding tops of automobiles, but may be employed in connection with any form of supporting structure which is reduced in diameter or tapered toward one end.

The bows of buggy tops are usually constructed in elliptical form transversely and taper slightly toward the lower ends, and for the purpose of illustration the improved device is shown applied to a structure of this character, and in the drawings employed for illustrating the preferred embodiment of the invention, Figure 1 is a side view from the interior, of the bow portion of a conventional buggy top, with the improvement applied. Fig. 2 is an enlarged side view of a portion of a buggy top bow with the improvement applied. Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 is a view similar to Fig. 3 with the attachment shown in the position it will be arranged when being applied.

The improved device comprises a split band 10 of relatively rigid metal, and as thin as possible consistent with the strain to which it will be subjected, the terminals 11—12 of the band being spaced apart a sufficient distance to pass over the reduced portion of the bow or other structure represented at 13, and with the distance between the terminals less than the larger diameter of the bow, so that when the band is applied to the bow and moved upwardly thereon, it will be coupled to the bow and cannot be removed therefrom unless it be returned to its lower position.

Extending from the band at one side is an arm 14 curving downwardly and outwardly and terminating in a hook 15, the arm 14 thus depending below the lower line of the band, as shown. By this arrangement it will be obvious that any downward strain applied to the arm 14 will cause the band to firmly grip the structure 13 and be retained in position thereon.

As above noted, the bows 13 of buggy tops are generally elliptical transversely, and when the improved device is applied to structures of this character, the band 10 is arranged with the terminals 11—12 opposite the narrower or thinner diameter of the bow and inserted in that position upon the bow, and then turned with the arm 14 at right angles to the longer transverse diameter of the bow, or arranged in the position shown in Fig. 3. By this means it will be obvious that the member 10 may be readily coupled to the bow, and disposed at any required position upon the same.

Each bow of the buggy may be supplied with one of the attachments, or a single attachment may be applied to any one of the bows as may be required.

The improved device will generally be formed from rigid metal either cast or wrought, and will be found very useful for the suspension of various articles, such as reticules, small baskets, or other receptacles.

What is claimed, is:—

The combination with a supporting structure of less thickness in one direction than the other and increasing in area toward the upper end, of a clip device comprising a stock having at one end a downwardly de-

pending hook and at the other end two oppositely curving rigid arms, the terminals of the arms being spaced apart to correspond to the lesser thickness of the structure and with the space between the intermediate portions of the arms corresponding to the greater thickness of the structure.

In testimony whereof, we affix our signatures, in presence of two witnesses.

JOHN C. HORN.
JEREMIAH M. HORN.

Witnesses:
JACOB S. CALDWELL,
RALPH JONES.