

June 17, 1924.

1,497,736

W. F. ROBERTS

BOW PAD CLIP

Filed Nov. 6, 1922

Fig. 1.

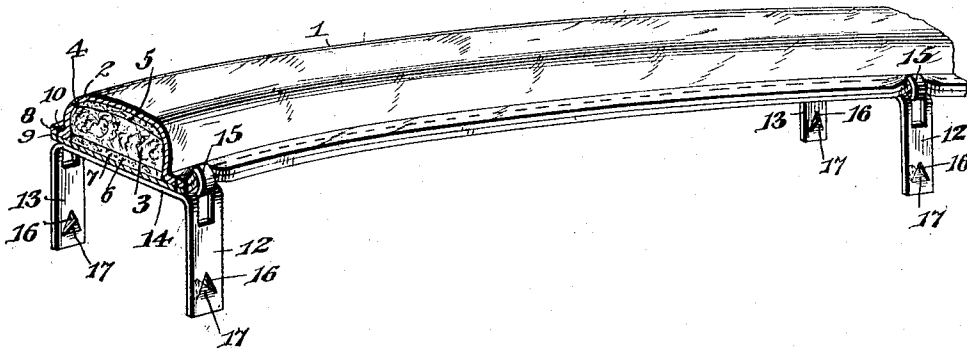


Fig. 2.

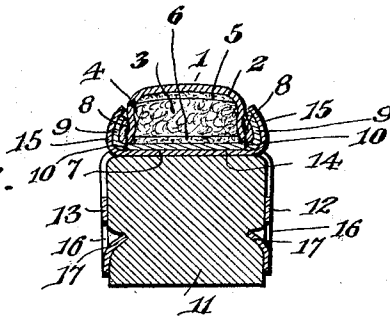
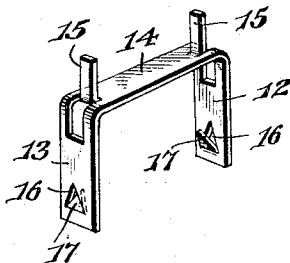


Fig. 3.



W. F. Roberts, INVENTOR.

BY Geo. P. Kimmel, ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM F. ROBERTS, OF PHOENIX, ARIZONA.

BOW-PAD CLIP.

Application filed November 6, 1922. Serial No. 599,304.

To all whom it may concern:

Be it known that I, WILLIAM F. ROBERTS, a citizen of the United States, residing at Phoenix, in the county of Maricopa and State of Arizona, have invented certain new and useful Improvements in Bow-Pad Clips, of which the following is a specification.

This invention has reference to bow pad clips for automobile tops and its object is to provide a structure whereby the pad may be secured to a bow such as is applied to the tops of automobiles to permit the fastening of the top in position upon the frame bows in a secure manner.

The bows used in automobile tops are usually of wood, such as ash or oak, and in order to secure the pad to the bow there is provided a clip or a plurality thereof.

Wooden bows are utilized as supporting means for pads against which bear the cover fabric of the automobile top and in order to hold the pads to the bows there are provided metal clamps or clips of such nature as to fixedly engage the cushion pads applied and hold them firmly to the bows.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawings forming part of this specification, with the understanding however that the invention is not confined to any strict conformity with the showing of the drawings but may be changed and modified so long as such changes and modifications mark no material departure from the solient features of the invention as expressed in the appended claim.

In the drawings Figure 1 is a perspective view of a portion of an automobile cover bow showing a corresponding portion of a cushion pad and also illustrating a plurality of metal clips for holding the pads onto the bows.

Figure 2 is a cross section of the bow and parts shown in Fig. 1.

Figure 3 is a perspective view of one of the metal clips.

Referring to the drawings there is shown in Fig. 1 an elongated pad 1 which may consist of an envelope 2 with a filling 3 of horse hair or other type of hair used in vehicles.

The envelope consists of a tube 4 of flexible material having top and bottom members 5 and 6 respectively, while the tube it-

self is furnished with a bottom member 7 which may be of the same material as the surrounding fabric. The confining members 1 and 7 have marginal portions 8 and 9 respectively united by stitching 10 to hold the constituent members of the tube together.

The pads 1 are applied to the bows, indicated at 11, along one face.

A clip employed to hold the pads on the bows is indicated at 12 and these clips are generally U-shaped and each constructed of a flat narrow strip of metal having opposite legs 13 connected by an intermediate yoke 14.

At each corner of the clip there is formed a punched out tongue 15, the two tongues being spaced apart somewhat less than the width of the clip, while near the free ends of the legs 13 is formed a punched out spur 16 terminating at the end remote from the clip in a pointed end 17 so as to be readily driven into the bow when necessary.

The clips 12 are made of more or less ductile structural sheet metal so as to offer more or less resistance and still be stiff enough to maintain their shape and be bent. When the clips 12 are applied to the bow 11 the spurs 16 are bent toward each other over the margins or stitched portions 8, 9 respectively thus clamping the marginal portions 8, 9 against the sides of the pad 1 and thereby holding the parts in position with the spurs 16 pressing against the sides of the pad and gripping the entire structure to the bow. Then by driving the spurs 16 into the wood of the bow 11, the entire pad with the clips 12 becomes firmly fastened to the bow against any liability of separation therefrom.

As many of the clips are employed as may be found necessary and the entire structure becomes most firmly secured to the bow. At the same time the fastening operation is so performed that when it is desired to remove the cover, this may be done by simply loosening the spurs 16 and slightly spreading the legs 12, to separate the pads from connection with the bows and permit the ready assembling or disassembling of the structure.

What I claim is:—

A bow pad clip comprising a sheet metal strip of inverted U-shape having the yoke connecting the legs extending at right angles thereto, each leg of said strip having formed integral therewith at a point above its lower

end an inwardly extending upwardly inclined securing spur and said strip further provided inwardly of each corner thereof with an integral upwardly extending securing tongue, said tongue and spurs being cut from and forming a part of said body of the strip and each of said tongues further extending above the yoke from a point intermediate its point of connection with the legs. 10

In testimony whereof I affix my signature hereto.

WILLIAM F. ROBERTS.