Feb. 24, 1931. P. L. RUSSELL 1,794,034

HOLDER FOR EMBLEMS AND THE LIKE

Filed Dec. 29, 1928

Fig. 1.

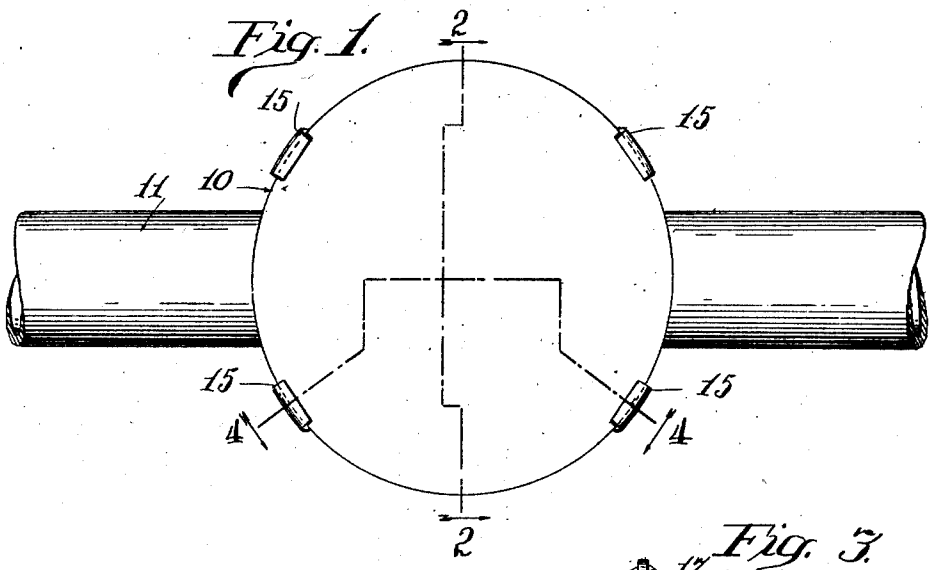


Fig. 3.

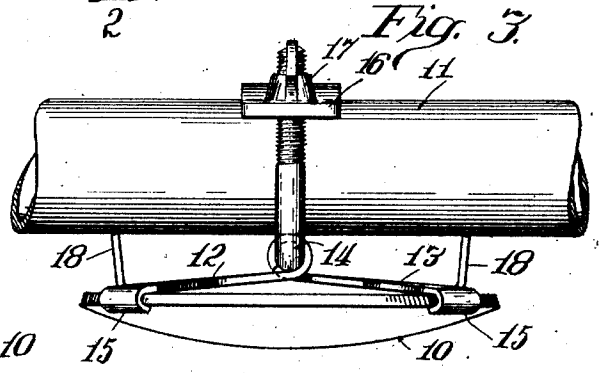


Fig. 2.

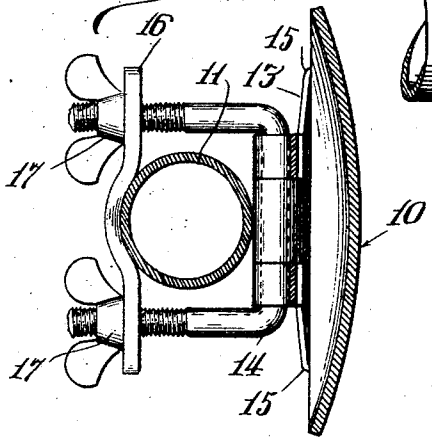


Fig. 5.

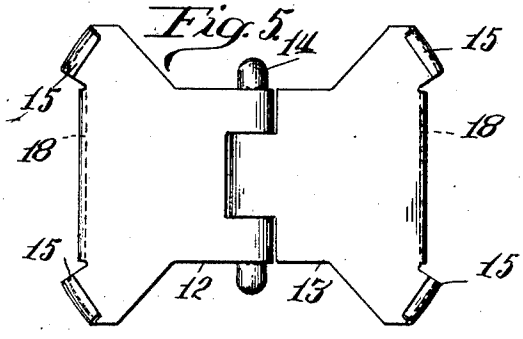
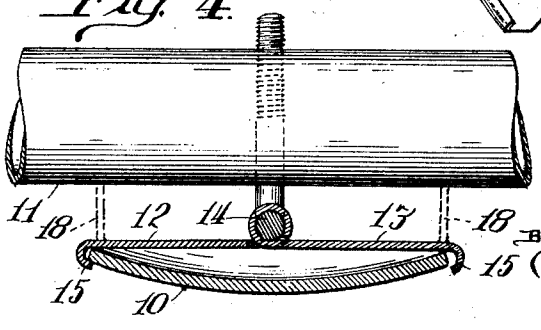


Fig. 4.



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UNITED STATES PATENT OFFICE

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HOLDER FOR EMBLEMS AND THE LIKE

Application filed December 29, 1928. Serial No. 329,211.

My invention relates to holders for emblems and the like and it has for its object the provision of a new and improved form and arrangement of parts by which an emblem plate or a license plate may be securely attached in position on an automobile or the like. In view of the wide-spread use of shutters on the radiators of cars, it is no longer practical to apply such emblems or other plates directly on the front faces of the radiators. It is one of the objects of my invention to provide means for attaching such an emblem or other plate firmly in position on the cross bar extending between the headlights of a car, or upon some other conveniently located bar.

It is one of the objects of my invention to provide a construction of this type which shall be adapted for effective use in connection with bars of various sizes, whereby the emblem or other part shall be very firmly held in position without danger of loosening under the influence of the stresses and vibrations to which it is subjected under modern automobiling conditions, being arranged preferably for convenient use in connection with a bar without regard to the direction in which such bar extends. It is another object of my invention to provide a construction in which the clamping means can be tightened to the limit of its strength upon a supporting bar without applying undue pressure on the emblem or other supported part whereby danger of injuring the emblem may be avoided while at the same time the device is held securely in place. To this end, it is one of the objects of my invention to provide stop means serving positively to limit the clamping effect upon the supported part.

It is another object of my invention to provide a construction which may be produced cheaply and easily, which can be applied quickly by any mechanic without special tools, and which will be effective for an indefinitely long time without danger of disorder.

It is another object of my invention to improve devices of this type in sundry details hereinafter pointed out. The preferred means by which I have accomplished my several objects are illustrated in the accompanying drawing and are hereinafter specifically described. That which I believe to be new and desire to cover by Letters Patent is set forth in the claims.

In the drawing,—

Fig. 1 is a front face view of an emblem or similar plate secured in position upon a horizontal bar by the use of my improved securing means;

Fig. 2 is a vertical cross section taken at line 2—2 of Fig. 1;

Fig. 3 is a top plan view of the parts as shown in Fig. 1;

Fig. 4 is a cross section taken substantially at the line 4—4 of Fig. 1; and

Fig. 5 is a front face view of my improved device.

Referring to the several figures of the drawing, in which corresponding parts are indicated by the same reference characters, 10 indicates an emblem plate secured in position upon a horizontal bar 11. As is best shown in Fig. 5, my improved securing means comprises two clamp arms 12 and 13 hingedly connected together at their inner end portions, the hinge pin being in the form of a U-bolt 14. The clamping device is of such size with respect to the size of the emblem 10 that when the clamp arms 12 and 13 are standing in alignment as shown in Fig. 4, the emblem 10 is free to move into or out of engagement with the jaws 15 of the clamp arms, in the construction shown, four of the jaws 15 being provided. When, however, the clamp arms 12 and 13 are buckled backwardly into the position as shown in Fig. 3, the jaws 15 have hook engagement with the edge portions of the emblem 10 so as to hold such emblem rigidly in position.

The clamp arms 12 and 13 with the emblem plate 10 gripped thereby are held in position upon the bar 11 by means of a cross bar 16 which is removably and adjustably secured in position upon the legs of the U-bolt 14 by means of wing nuts 17, the legs of the U-bolt being suitably threaded for this purpose. For holding the outer ends of the clamp arms 12 and 13 in proper spaced position with respect to the bar 11 for insuring the desired

buckling of the clamp arms when their inner ends are brought into contact with the bar, I have provided rearwardly extending lugs 18 on the outer end portions of the clamp arms, such lugs being preferably formed integrally with the clamp arms 12 and 13, as is best indicated by reference to Figs. 3 and 5. At the line 4—4 in Fig. 1, the lugs 18 would not be visible, but the approximate relative position of such lugs is indicated by dotted lines in Fig. 4 for clearness of illustration.

With the clamp arms in the position as shown in Fig. 4, a plate 10 or other part of corresponding size can be inserted in the jaws 15 as indicated in said figure. The U-bolt 14 is then moved rearwardly toward the bar 11 until the hinge of the plates 12 and 13 is brought into contact with the bar, whereupon the cross bar 16 is placed in position and the wing nuts 17 are tightened upon the U-bolt. This serves to draw the hinge of the clamp arms and the end portions of the lugs 18 into tight engagement with the supporting bar 11, serving both to clamp the emblem 10 very firmly in position and also to secure the device as a whole very firmly in position with respect to the bar 11. The contact of the hinge with the bar 11 acts to stop or limit the tightening of the clamp arms upon the plate 10. As a result of this construction, any further tightening of the U-bolt upon the bar 11, after the initial tightening of the inner ends of the clamp arms 12 and 13 against the bar 11, serves only to tighten the device as a whole upon the bar 11 without increasing the tightening effect of the device upon the plate 10. The emblem 10 is thus protected against the application of undue pressure thereto such as might serve to crack the enamel on the face of the plate.

I have found in actual practice that my improved device is very effective for securing emblems or similar plates in position, being adapted for use upon horizontal bars as illustrated, or upon bars extending at any angle from the horizontal, the plate being adapted to be shifted circumferentially as desired with respect to the clamping jaws 15. The device can be very readily attached in position and can be as quickly detached when desired.

While I prefer to employ the form of construction as illustrated, comprising two separately formed clamping plates hingedly connected together, with each plate having two clamping jaws thereon, the plates being connected in position by means of a U-bolt as shown, it is to be understood that my invention is not to be limited to the details of construction as shown except so far as they may be so limited by the prior art, it being understood that changes might well be made in the construction and arrangement without departing from the spirit of my invention.

I claim:—

1. A device of the class described, comprising in combination clamp members adapted to swing with respect to each other and having hooks at their ends for engaging opposite edge portions of the part to be supported, and means for securing said clamp members upon a support serving by the operation of tightening the members on the support to give them a swinging movement out of alignment with each other into gripping engagement with said part.

2. A device of the class described, comprising in combination oppositely extending clamp members for engaging opposite edge portions of the part to be supported, means for buckling said clamp members at an intermediate point for tightening them on said part, and means for limiting the buckling movement of said clamp members for regulating the tightening effect on said supported part.

3. A device of the class described, comprising in combination oppositely extending clamp members for engaging opposite edge portions of the part to be supported, means for attaching said clamp members at an intermediate point to a supporting bar, and means for holding the outer end portions of the clamp members in spaced relation to said bar, the arrangement being such that upon the tightening of the clamp members on the bar said clamp members are buckled into tight gripping position on said supported part.

4. A device of the class described, comprising in combination a U-bolt, means for securing said U-bolt fixedly in position on a supporting bar, and means carried by the U-bolt and forced by contact with the bar into position for gripping edge portions of a part to be supported.

5. A device of the class described, comprising in combination a U-bolt, means for securing said U-bolt fixedly in position on a supporting bar, and means carried by the U-bolt and held by contact with the bar in position for gripping edge portions of a part to be supported, the arrangement being such that the contact of the supporting bar with the portions of the device adjacent to the cross bar of the bolt serves as a positive limit to the tightening of the device on the supported part.

6. A device of the class described, comprising in combination two oppositely extending clamp members pivotally connected together and adapted when buckled in one direction to grip a part to be supported and when swung in the opposite direction with respect to each other to release said part, and means for attaching said clamp members to a supporting bar and serving in cooperation with other parts when tightened in position on said bar to hold the clamp members in position for gripping said part to be supported.

7. A device of the class described, comprising in combination two oppositely extending clamp members pivotally connected together and adapted when buckled in one direction to grip a part to be supported and when swung in the opposite direction with respect to each other to release said part, and means connected with said clamp members at the point of their pivotal connection with each other serving to mount said clamp member fixedly in position on a supporting bar and adapted in cooperation with other parts when tightened in position on said bar to hold the clamp members in position for gripping said part to be supported.

8. A device of the class described, comprising in combination two oppositely extending clamp members pivotally connected together and adapted when buckled rearwardly to grip a part to be supported and when swung forwardly with respect to each other to release said part, means connected with said clamp members at their inner end portions serving to draw the clamp members into tightened contact with a supporting bar, and means carried by said clamp members at their outer end portions for holding said outer end portions in spaced relation to said bar serving in cooperation with the other parts to cause said clamp members to be buckled into gripping engagement with the part to be supported when the device is tightened on the bar.

9. A device of the class described, comprising in combination two oppositely extending clamp members pivotally connected together and adapted when buckled rearwardly to grip a part to be supported and when swung forwardly with respect to each other to release said part, means connected with said clamp members at their inner end portions serving to draw the clamp members into tightened contact with a supporting bar, and lugs formed integrally with said clamp members at their outer end portions and extending rearwardly therefrom for holding such outer end portions in spaced relation to said bar for causing the clamp members to be buckled into gripping engagement with the part to be supported when the device is tightened on the bar.

10. A device of the class described, comprising in combination two oppositely extending clamp members pivotally connected together and adapted when buckled rearwardly to grip a part to be supported and when swung forwardly with respect to each other to release said part, means connected with said clamp members at their inner end portions serving to draw the clamp members into tightened contact with a supporting bar, and means carried by said clamp members at their outer end portions for holding such outer end portions in spaced relation to said bar serving to cause said clamp members to be buckled into gripping engagement with the part to be supported when the device is tightened on the bar, the contact of the supporting bar with the parts at the inner ends of the clamp members serving to limit the rearward buckling of the clamp members and serving thereby to limit the tightening of the clamp members on the supported part.

PORTER L. RUSSELL.