April 8, 1930. W. A. COOKSON 1,754,147

MUD GUARD ATTACHMENT

Filed Oct. 8, 1928

Fig. 1.

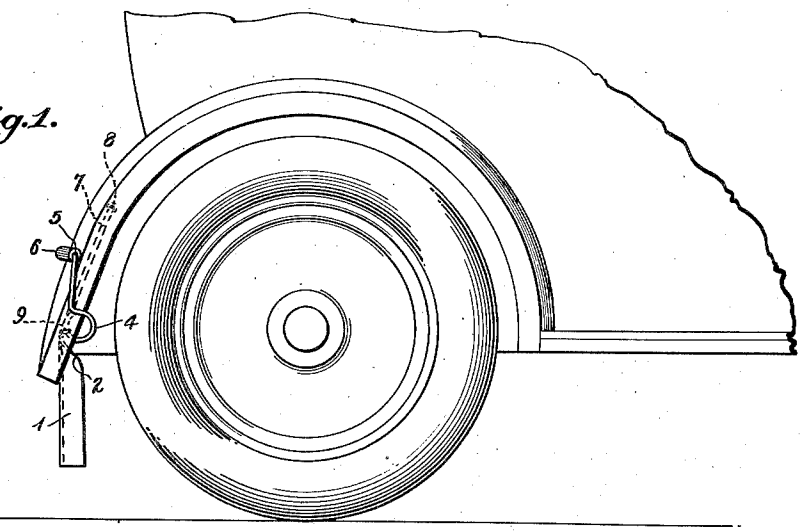


Fig. 2.

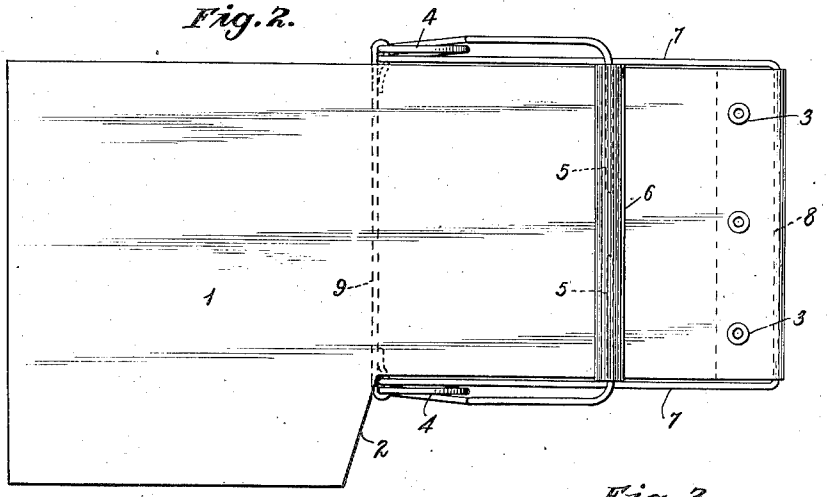
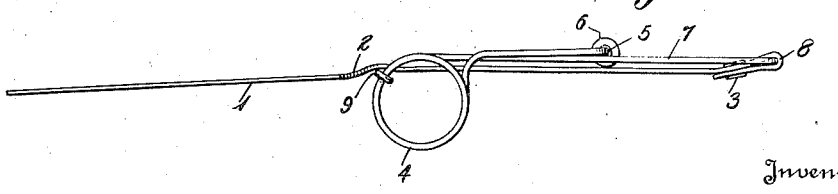


Fig. 3.



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UNITED STATES PATENT OFFICE

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MUD-GUARD ATTACHMENT

Application filed October 8, 1928. Serial No. 311,034.

This invention relates to mud guard attachments for vehicles and has particular application to automobiles.

An object of the invention is to provide a curtain-like device which may be quickly attached to the conventional mud guards without the use of extraneous fastening devices or without in any manner altering the construction of the mud guard.

A further object of the invention is to provide a novel form of clamp for this purpose which is preferably made from a single piece of wire bent intermediate its ends to provide spring hinges and opposed clamping portions cooperable with the upper and lower portions of the mud guard respectively.

A still further object of the invention is to provide a flexible rubber tubing substantially conformable with the convex outer surface of the mud guard and engageable therewith without marring the same.

Still another further object of the invention is to provide means whereby the curtain portion of the device may be quickly attached and detached whereby the same may be replaced or repaired as required.

Other and further subordinate objects of the invention will be apparent to those skilled in the art by the reading of the following specification in conjunction with the drawings attached hereto and forming a part hereof in which,

Figure 1 represents a rear portion of an automobile showing the mud guard attachment applied to the fender thereof;

Fig. 2 is a top view of the device;

Fig. 3 is a side elevation thereof.

Referring now more particularly to the drawings wherein like reference characters indicate corresponding parts, the numeral 1 designates the curtain having one marginal edge thereof cut away as shown at 2 so that the upper portion thereof will be of substantially the same width as the spring clamp hereinbelow specifically described. The curtain 1 may be detachably applied to the spring clamp for replacement or repair by means of spring snaps 3 of any desired type. The mud guard clamp is preferably formed from a single piece of metallic material in the shape of wire or a rod and is bent in a manner to provide spring hinges 4 at the opposite sides thereof and preferably having a plurality of convolutions. The extremities of the rod are thereafter bent inwardly to provide terminals 5 insertable within the confines of a tube 6 which is preferably made of resilient material such as rubber. This material is distortable so that it readily conforms to the convex cross sectional curvature of the mud guard fender to which it is attached and will not mar the paint thereon. The transverse tube 6 and the terminals 5 constitute the upper clamp, while the lower clamp is formed by longitudinally disposed portions 7 engageable with the under side of the mud guard. At the forward end of the clamp there is provided another transverse bar 8 to which the curtain is attached as aforesaid.

In order to prevent spreading of the clamp I preferably employ a tie rod 9 attached to the spring hinge.

It will be apparent from the foregoing that my device is of very simple construction and may be economically manufactured and furthermore, the same may be applied to the existing types of motor vehicles without the necessity of altering the same and with a maximum of ease by an unskilled operator. The construction of the clamp is a unitary one and the springs thereof will tend to move the tubing tightly into engagement with the fender at all times so that the possibility of loss is reduced to a minimum.

It will be obvious to those skilled in the art that many changes in arrangement of parts may be made without departing from the spirit of the invention as comprehended in the following claims.

Having thus described the invention, what I claim is:

1. A curtain attachment for mud guards comprising a clamp shaped from a single piece of material and bent to define integral hinges and upper and lower clamp portions respectively, a flexible element attached to the upper of the clamps and engageable with the exterior surface of the mud guard.

2. A curtain attachment for motor vehicles comprising a rod bent intermediate its ends

to provide spring hinges and upper and lower clamp portions respectively for engaging the inner and outer surfaces of the mud guard and a distortable tubing secured to the upper of the clamp portions and engageable and conformable with the upper portion of the mud guard.

3. A curtain attachment for mud guards made from spring material and bent to define oppositely disposed spring hinges and longitudinally disposed bars constituting a lower clamp, the terminal portions of the spring material being inturned for detachably receiving a distortable tubing and constituting the upper clamp, said device being attachable to the mud guard by springing the clamps apart against the action of the spring hinges.

4. A curtain attachment for mud guards comprising a clamp shaped from a single piece of material bent to define integral hinges and upper and lower clamp portions respectively, said attachment being attachable to a mud guard by springing the clamps apart against the action of the hinges.

In testimony whereof I affix my signature.

WILFRED A. COOKSON.