To all whom it may concern:

Be it known that I, William Wood, a citizen of the Dominion of Canada, residing at Vancouver, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Choker-Rod Retaining Means, of which the following is a specification.

This invention relates to a means for retaining the priming or choker rod of a Ford or similar automobile in any desired position in which it may be set, and is designed to be readily applicable to a car without the requirement of alteration or change of existing parts.

The invention is fully described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Fig. 1 is a perspective view of the device showing its application and connection to the choker rod of a Ford car, and
Fig. 2 is a section of the device on the line 2–2 in Fig. 1, showing the detent aperture.

In these drawings 2 represents the existing choker rod which is endwise slidable through the dash-board and instrument board 3 of the car, but is without means for retaining it in the open or out-drawn position.

The retaining provision, which is the particular subject of this application, comprises a member 4 downwardly turned at the front end as at 5 to form a finger engagement and notched along the parallel edges adjacent the downwardly turned end. This member 4 is slidably mounted to move endwise through apertures in the downwardly turned ends 6 and 7 of a strip of thin sheet metal, which, intermediate the ends, is doubled on itself as at 8 and 9 to fit the lower edge of the instrument board 3 of the car, to which it is secured by a wing headed set screw 10 threaded through one of the doubled portions 8 and 9.

The aperture in the downwardly turned portion 7 closely fits the width and thickness of the member 4, but in the aperture of 6, that is, the one toward the position of the driver, the upper part fits the width and thickness of 4, but below that is stepped inward, as shown in Fig. 2, to fit the width of 4 between the notches, so that when 4 is lifted against the upper side of the aperture, it will move freely endwise, but when allowed to fall into the lower part of the aperture, the member 4 is retained by the notches against endwise movement.

Portions 11 may be downwardly turned from each side of the guide members 6, 7, 8, 9 to engage the edges of 4, and prevent its notches catching on the side edges of the aperture in 6.

The forward end of the bar 4, which projects through 7, is connected by a flexible line 12 to a clamp 13 secured by a screw or bolt 14 to the choker rod 2. The choker rod 2 may thus be drawn out by engagement of the finger with the downwardly turned ends 5 of the member 4 and on releasing it, that member will fall into the lower part of the aperture in the downwardly turned end 6 and will be retained by the notches in any position to which it may be moved.

The device may be readily applied to a car without the requirement of any change or modification of existing parts, as the members 8 and 9 only require to be passed on the lower edge of the instrument board 3 immediately under the choker rod 2 and secured to the board 3 by the set screw 10, and the clamp 13 secured to the rod 2 by the bolt 14 between the instrument board and the dash.

Being stamped from sheet metal the device is simple and cheap to manufacture.

The retaining device being connected by a flexible line 12 to the choker rod 2, it is optional on the part of the user whether the retaining means be used or not. If it is not necessary to be used, the choker rod 2 may be drawn out and released without interfering in any way with the retaining means.

Having now particularly described my invention, I hereby declare that what I claim as new and desire to be protected by Letter Patent, is:

1. Means for retaining the choker rod of an automobile engine in any desired position, said means comprising the combination with the choker rod and the instrument board through which it is endwise movable, of a guide member removably clamped to the lower edge of the board, a retaining member endwise movable in the guide member and having releasable means for retention.

In witness whereof I have hereunto set my hand this 15th day of January, 1924.

William Wood

Patent No. 1,480,924

Patented Jan. 15, 1924.

UNITED STATES PATENT OFFICE.

WILLIAM WOOD, OF VANCOUVER, BRITISH COLUMBIA, CANADA.

CHOKER ROD RETAINING MEANS.

Application filed July 16, 1923. Serial No. 651,999.
ing it in any desired position of endwise adjustment, and means for connecting the slidable retaining member to the choker rod.

2. Means for retaining the choker rod of an automobile engine in any desired position, said means comprising the combination with the choker rod and the instrument board through which it is endwise movable, of a guide member adapted to be clamped to the lower edge of the board, a retaining member endwise movable in the guide member and having releasable means for retaining it in any desired position of endwise adjustment, and a flexible line connecting the slidable retaining member with the choker rod.

3. Means for retaining the choker rod of an automobile engine in any desired position, said means comprising the combination with the choker rod and the instrument board through which it is endwise movable, of a guide member adapted to be clamped to the lower edge of the instrument board, a retaining member endwise movable in the guide member, the edges of said retaining member being notched and adapted to fit a reduced dimension of one of the apertures through which it passes in the guide member, and means for connecting the slidable retaining member with the choker rod.

4. Means for retaining the choker rod of an automobile engine in any desired position, said means comprising the combination with the choker rod and the instrument board through which it is endwise movable, of a guide member clamped to the lower edge of the instrument board, said guide member having apertures through which a retaining member is endwise movable, one of said apertures having an upper part of greater width than the lower part, a retaining member slidably mounted in the apertures of the guide member the side edges of which retaining member are notched to fit and be retained in the smaller dimensioned portion of one of the apertures, and a flexible line connecting the slidable retaining member with the choker line.

In testimony whereof I affix my signature.

WILLIAM WOOD.