July 21, 1931. C. T. BUTSCHER 1,815,701

ASH RECEIVER

Filed April 18, 1929

Fig. 1

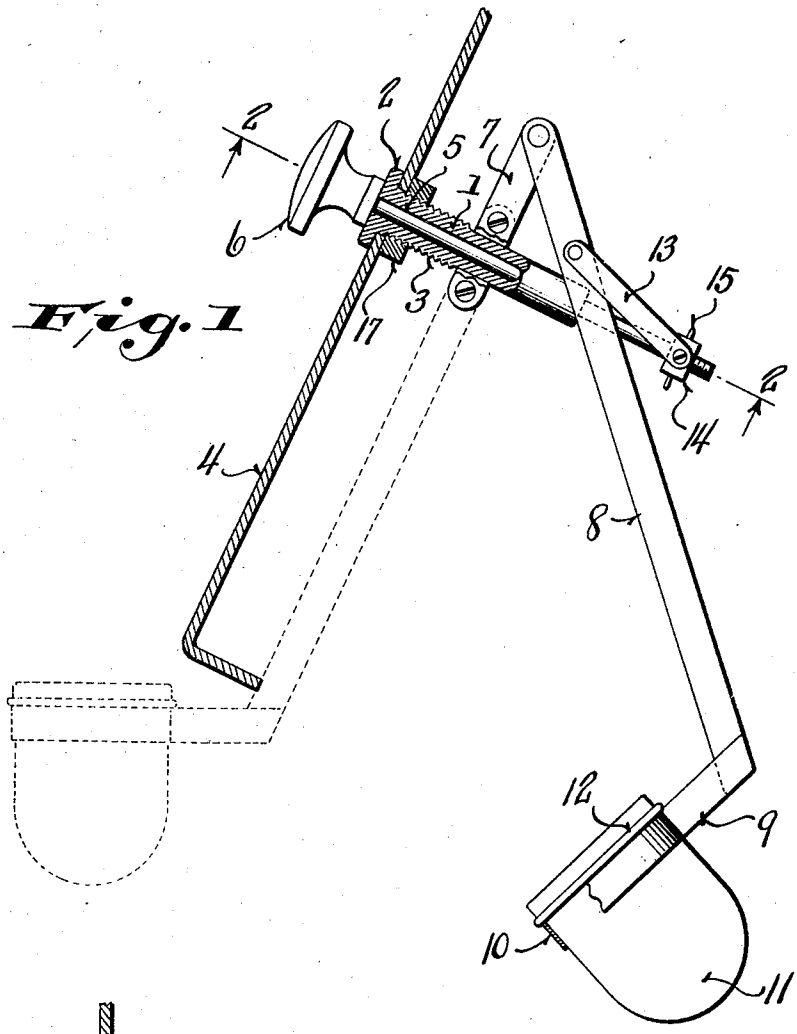
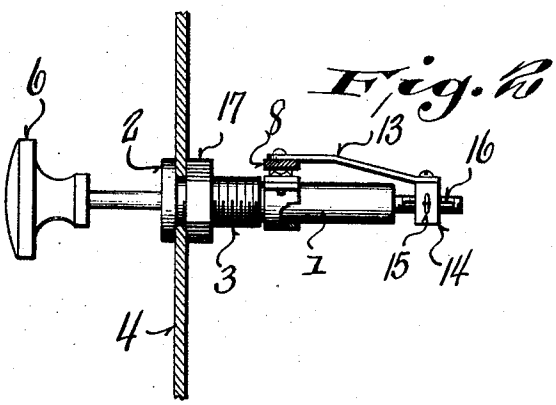


Fig. 2



Inventor:
Carl T. Butscher
By
Attorneys.

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UNITED STATES PATENT OFFICE

CARL T. BUTSCHER, OF MILWAUKEE, WISCONSIN

ASH RECEIVER

Application filed April 18, 1929. Serial No. 356,250.

This invention relates to new and useful improvements in ash receivers.

One of the objects of my invention is the provision of an ash receiver which is adapted to be mounted on the dash board of motor vehicles and the mounting is of such nature as to readily permit the receiver to be quickly and easily positioned in a convenient location in front of the dash board as to be readily accessible by the driver or other parties sitting in the front seat. At the same time, it can be quickly and readily moved to a position behind the dash board so as to be entirely out of the way.

Another object of my invention is the provision of an ash receiver of the above type which can be quickly and easily attached to the dash board of various makes of automobiles and is movably mounted and operated from the front of the dash board to move the receiver to various positions and the receiver is so mounted that it can be quickly and easily removed when it is desired to discharge the contents thereof.

With the above and other objects in view, the invention consists in the novel features of construction, the combination and arrangement of parts hereinafter more fully set forth, pointed out in the claims and shown in the accompanying drawings wherein:

Figure 1 is a side elevation of my improved ash receiver and mounting, illustrating the manner in which it is attached to the dash board with parts thereof broken away and illustrated in section; and,

Figure 2 is a detailed section on the line 2—2 of Figure 1.

Referring to the drawings, I have illustrated the mounting and application of my improved ash receiver, the mounting including a tubular member 1 formed with an annular flange 2 at one end and provided with screw threads 3 adjacent the flanged end. The tubular member is inserted through an opening in the dash 4 and slidably mounted in the tubular member is an actuating rod 5 having a thumb piece 6 at one end, normally bearing upon the head or flange 2 when the ash receiver is in an inoperative position. This thumb piece is, as well as the tube 1, located in a convenient position on the dash so as to be readily accessible by the driver of the vehicle or any one occupying the front seat. Secured to the tube 1 at the outer end of the screw threads 3 is an arm 7 and pivotally connected to the outer end of this arm is the upper end of the lever 8. The lever 8 carries at its outer end an angularly projecting bracket 9 which includes a band 10 for receiving therein the ash receiver 11.

This receiver 11 is formed with an annular bead 12, adapted to rest against the band 10 when in position, as shown in Figure 1 so that the receiver will be properly supported in a substantially horizontal position when arranged for use.

Attached to the lever 8 adjacent its upper end is a link 13, said link being pivotally connected to an adjustable collar 14 which carries a transverse pin 15 extending through a slot 16 in the outer threaded end of the rod 5. This collar 14 is internally threaded and can be adjusted longitudinally of the rod 5 through turning movement of the rod so that the pin 15 will slide within the slot 16, the pin holding the collar 14 against rotative movement.

The tube 1 is securely clamped to the dash board 4 by means of a lock nut 17, which is threaded onto the tube 1 and screwed tightly against the under side of the dash, so that it cooperates with the flange 2 for securing or holding the tube against movement when in position.

It will be apparent from the foregoing, that when in an inoperative position, the ash receiver and supporting parts thereof will be positioned as disclosed in the full lines in Figure 1, and when it is desired to move the receiver to an operative position, as shown by the dotted lines, the thumb piece is grasped to pull the rod 5 outwardly, this action moving the lever 8 so that it will swing upwardly to position the ash receiver in a substantially horizontal position as disclosed.

When in this position, the receiver can, if found necessary, be removed from the band 10 and the contents thereof discharged.

It will be apparent that when it is desired

to move the receiver to an inoperative position behind the dash, the rod 5 is pushed inwardly, thus returning the receiver to its inoperative position as shown by the full lines in Figure 1. It will be apparent that various ways and means may be provided for properly supporting the receiver before the dash and moving it to an inoperative position behind the dash, but the essential feature of my invention is the provision of a receiver which can be quickly and easily brought into operative position or moved out of the way when so desired, and the mounting of the receiver is such that the contents thereof can be quickly and easily removed.

I claim:

1. In combination with a stationary support, a tubular member carried thereby, a movable arm supported upon the tubular member, a rod movable through the tubular member and having pivotal connection with the arm whereby reciprocating movement of the rod will impart movement to the arm, a supporting band at one end of the arm and an ash receiver removably supported by said band.

2. In combination with a dash board of a motor vehicle, a tubular member carried thereby, a movable arm carried by the tubular member, a rod slidably mounted in the tubular member and having pivotal connection with the arm, a supporting band at one end of the arm, for removably supporting an ash receiver and a knob on the end of the rod in front of the dash board for imparting movement to the rod and arm to position the ash receiver in an inoperative or operative position.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin.

CARL T. BUTSCHER.