June 19, 1923.

1,459,299

M. THOMPSON

FUNNEL FOR AUTOMOBILES

Filed Aug. 1, 1921

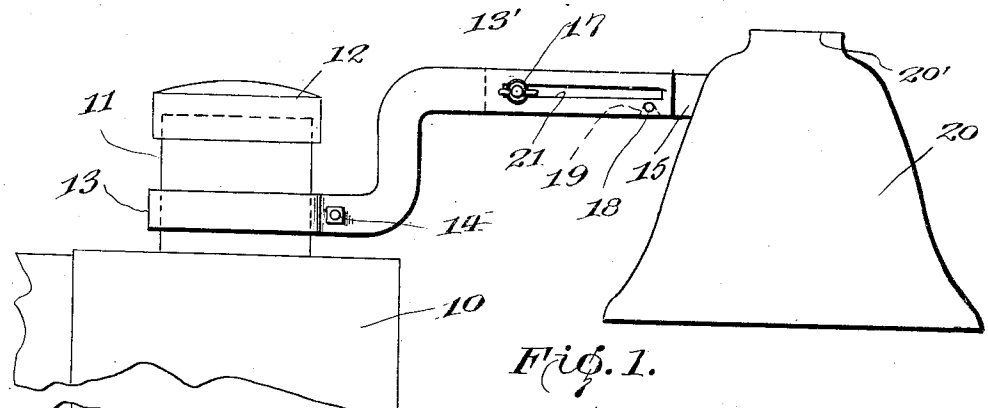

Fig. 1.

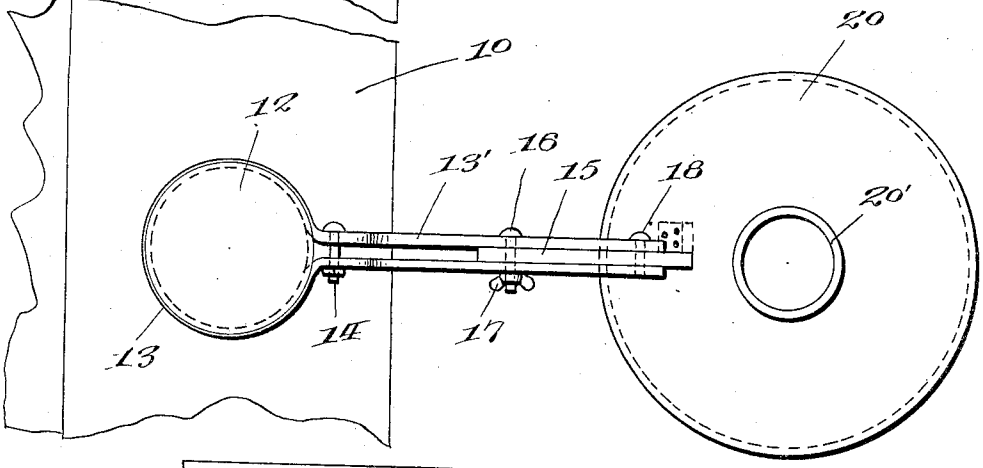

Fig. 3.

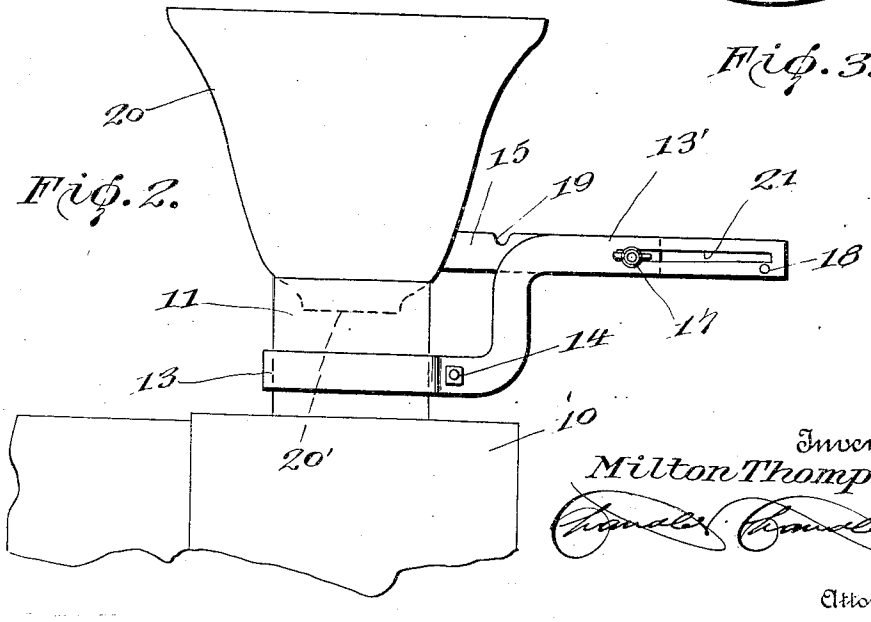

Fig. 2.

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UNITED STATES PATENT OFFICE.

MILTON THOMPSON, OF ROLAND, IOWA.

FUNNEL FOR AUTOMOBILES.

Application filed August 1, 1921. Serial No. 488,956.

To all whom it may concern:

Be it known that I, MILTON THOMPSON, a citizen of the United States, residing at Roland, in the county of Story, State of Iowa, have invented certain new and useful Improvements in Funnels for Automobiles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in filling devices and particularly to filling devices for automobile radiators.

One object of the invention is to provide an attachment for the filling tube of an automobile radiator which, when swung into inoperative position, provides an ornament for the front of the automobile.

Another object is to provide a device of this character which can be swung into one position to lie over the filling tube of the radiator, and then swung into another position, where it is maintained in suspended relation to the automobile, as an ornamental attachment resembling a bell.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a side elevation of a portion of an automobile radiator showing the invention applied to the filling cap, and in position to serve as an ornament.

Figure 2 is a side elevation of the same showing the device swung up into position for filling the radiator.

Figure 3 is a top plan view of the parts shown in Figure 1.

Referring particularly to the accompanying drawing, 10 represents a portion of the radiator of an automobile, having the filling tube 11, provided with the closure cap 12.

Engaged around the filling tube 11, below the cap 12, is a ring or band 13, the same being an open ring and having its arms extended in parallel relation forwardly from the filling tube, at 13′. A bolt 14 is disposed through the arms, adjacent the filling tube 11, to firmly clamp the ring around the tube.

Disposed between the outer ends of the arms of the ring 13 is an arm 15, and disposed through the arms and the inner end portion of the arm 15, is a bolt 16, having its head bearing against one arm 13′, and a wing nut 17 bearing against the other arm 13′, so that the arm 15 may be firmly and frictionally held between the arms 13′, when desired, for the purpose of preventing the arm 15 from pivotal movement when the device is in inoperative position. Disposed transversely through the outer ends of the arms 13′ is a pin 18 which is received in a notch 19, formed in the lower edge face of the arm 15, when said arm is in lowered position, the pin serving to prevent the arm 15 from falling below a horizontal position.

Disposed in an inverted position at the outer end of the arm 15, and secured to said arm, is a funnel 20.

Upon loosening the winged nut 17, the arm 15 may be swung upwardly and over toward the filling tube 11, and upon removing the cap 12, of the tube, the spout 20′ of the funnel will be disposed within the filling tube. Water may then be poured into the radiator without danger of spilling, which occurs when water is poured into the filling tube from a large receptacle such as a bucket. The wide mouth of the funnel permits the water to be poured into the tube without loss.

When not in use, the funnel is swung into the position shown in Figure 1, the funnel having the appearance of a bell, which serves as an ornament for the automobile.

The device is simple, composed of few parts, and can be readily applied to the filling tube of any automobile, without modifications thereto.

What is claimed is:

1. The combination with the filling tube of an automobile radiator, of a filling funnel and ornament therefor comprising a bracket detachably secured to the said filling tube and extending forwardly therefrom, said bracket being provided with a slot in which is disposed a pivot member, said pivot member being adjustable toward and away from the filling tube, an arm movably supported on the pivoted member for movement into positions toward and away from the filling tube, a funnel carried by the free end of the arm and arranged to lie over the filling tube at times and in an inverted position away from the tube at times, lateral means on the bracket for supporting engagement with the

said arm when the funnel is inverted, and means on the pivot of the arm for engagement with the bracket to clamp the arm against pivotal movement away from the lateral means at times.

2. The combination with the filling tube of an automobile radiator, of pair of forwardly extending arms clamped on the said tube and formed with longitudinal aligning slots, a pivot disposed through the slots, an arm on the pivot for swinging movement to extend toward and away from the filling tube, a lateral pin on the outer end of the pair of arms, said pivoted arm being disposed between said pair of arms, a funnel carried by the free end of the pivoted arm and arranged to move with the arm to lie in filling position with respect to the filling tube and in inverted position away from the tube and forwardly of the bracket arms, and a clamping means on the said pivot for maintaining the pivoted arm in engagement with the said pin and against pivotal movement when the funnel is inverted.

In testimony, I affix my signature, in the presence of two witnesses.

MILTON THOMPSON.

Witnesses:
FRED E. HANSEN,
N. F. AMBROSE.