

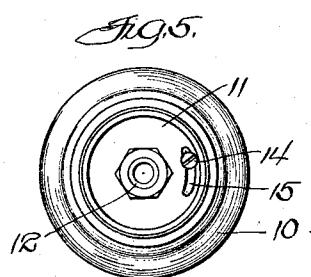
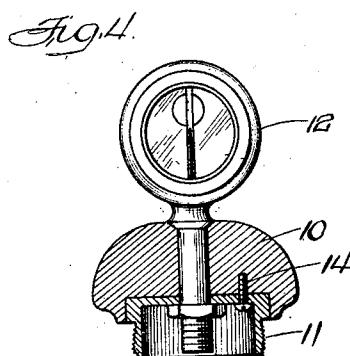
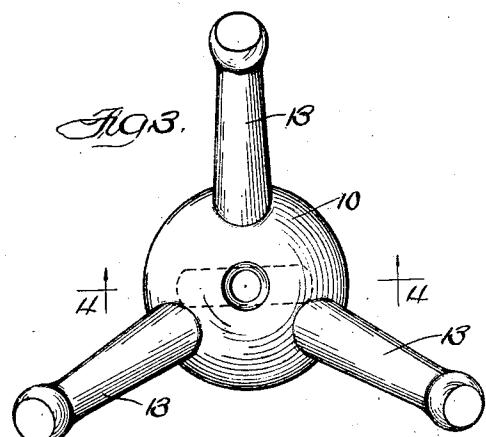
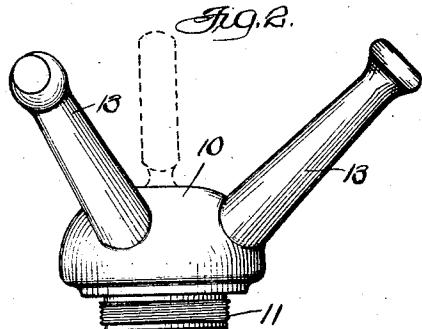
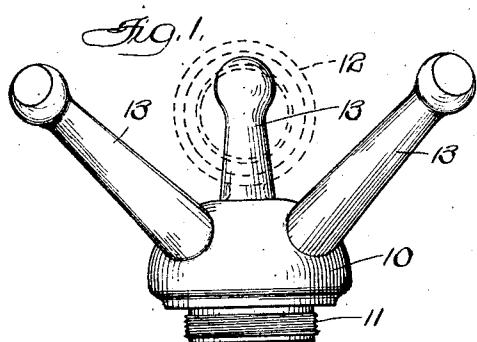
Sept. 1, 1925.

1,552,002

A. MONSEN

AUTOMOBILE RADIATOR CAP

Filed Nov. 6, 1922



Inventor:  
Adolph Monsen

By Foree Bain & Hinkle  
Attest

Patented Sept. 1, 1925.

1,552,002

# UNITED STATES PATENT OFFICE.

ADOLPH MONSEN, OF LOGANSPORT, INDIANA.

## AUTOMOBILE RADIATOR CAP.

Application filed November 6, 1922. Serial No. 599,234.

To all whom it may concern:

Be it known that I, ADOLPH MONSEN, a citizen of the United States, residing at Logansport, in the county of Cass and State 5 of Indiana, have invented certain new and useful Improvements in Automobile Radiator Caps, of which the following is a specification.

This invention relates to automobile radiator caps.

It is especially efficacious for caps equipped with more or less fragile temperature indicators.

It will be explained as embodied in a 15 cap provided with a Boyce motometer, although it may be used with other temperature indicators.

One of the objects of the invention is to provide an improved radiator cap.

Another object is to provide a device for 20 protecting the temperature indicator against injury.

Another object is to provide a cap which is novel and attractive in appearance.

Other objects and advantages will hereinafter appear.

An embodiment of the invention is illustrated in the accompanying drawing, wherein

Fig. 1 is a front elevation of a complete cap with a motometer shown in dotted lines.

Fig. 2 is a side elevation.

Fig. 3 is a top plan.

Fig. 4 is a section on the line 4—4 of Fig. 35 3, showing the arrangement for adjusting the position of the projecting horns to insure an unobstructed view of the motometer, and

Fig. 5 is a bottom view of the cap.

The radiator cap has a body 10, shown in a somewhat hemispherical form and recessed in its underside to receive a threaded cup-shaped radiator closure 11. Both the body and cup are perforated to receive the usual stem of a temperature indicator 12. Projecting upwardly and outwardly from the upper side of body 10 are three horns 13. These horns are preferably made integral with the body, although they may be 45 made separately and secured thereto in any suitable manner.

The horns, projecting upwardly beside the temperature indicator, protect the same from injury and present an attractive appearance.

The number of horns may, of course, be varied but three have been found to give excellent results. They afford a large degree of protection and may be so turned as to give an unobstructed view of the indicator from the driver's seat. Adjusted so that one of the horns projects toward the front of the car, the device presents a pleasing and symmetrical appearance and the indicator is readily visible between the other 65 horns.

Adjustment may be provided between body 10 and cup 11 so that the desired position of the horns may be secured when the cap is tightly screwed into place on the radiator outlet. Body 10 and cup 11 are rotatably related to each other, so that there may be relative movement therebetween. A screw 14, threading into body 10 and extending through a slot 15 in cup 11, assists 75 in clamping the cup and body in the desired position.

The cap serves to close the radiator and support the temperature indicator in the 80 usual manner. The projecting horns protect the indicator, especially in the event that the cap is dropped in filling or inspecting the radiator.

Having described my invention what I 85 claim as new and desire to secure by Letters Patent, is:—

1. A radiator cap having a body centrally perforated to receive a heat indicating device and threaded to close a radiator and 90 upwardly and outwardly extending horns extending above the heat indicating device.

2. A radiator cap having a body for closing a radiator and supporting a temperature indicator thereabove, and a plurality of 95 horns projecting upwardly of the body to a height sufficient to shield the indicator.

In testimony whereof I hereunto subscribe my name.

ADOLPH MONSEN.