

W. P. ROWAN.
 ANIMATED ATTACHMENT FOR RADIATOR CAPS.
 APPLICATION FILED APR. 27, 1917.

1,229,068.

Patented June 5, 1917.

Fig. 1.

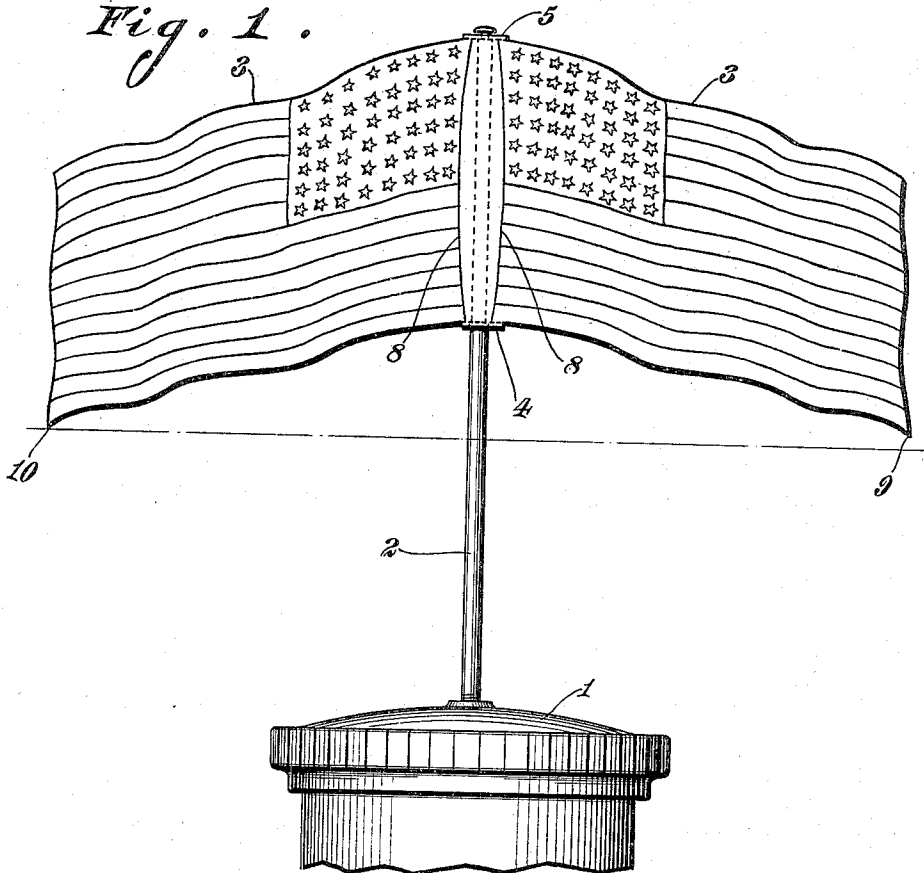


Fig. 2.

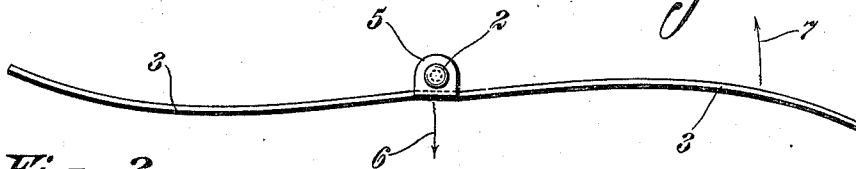
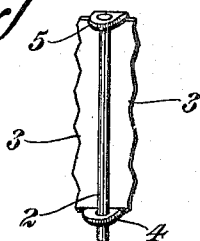


Fig. 3.



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UNITED STATES PATENT OFFICE.

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ANIMATED ATTACHMENT FOR RADIATOR-CAPS.

1,229,068.

Specification of Letters Patent.

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Application filed April 27, 1917. Serial No. 164,887.

To all whom it may concern:

Be it known that I, WILLIAM P. ROWAN, a citizen of the United States, and residing at St. Louis, Missouri, have invented the new and useful Improvement in Animated Attachments for Radiator-Caps, of which the following is a specification.

This invention relates to animated devices, and more particularly to an animated flag adapted for attachment to radiator caps.

Some of the objects of this invention are to provide a flag which is so constructed and arranged as to be rotated by air currents, created for instance, by the movement of an automobile, so that the flag will stand out in space as a substantially animated object.

Further objects will appear from the detail description taken in connection with the accompanying drawing, in which;—

Figure 1 is a side elevation of an automobile radiator cap, surmounted by a device embodying this invention;

Fig. 2 is a top view of the device; and,

Fig. 3 is a detail.

Referring to the accompanying drawing, 1 designates a radiator cap of any suitable construction.

Attached to this radiator cap in any suitable manner, as by being screwed therein, is a staff 2, this staff being reduced at its upper end to provide a shoulder, as shown. Mounted to rotate on this staff is a flag preferably formed of sheet metal, and comprising a pair of wings 3, projecting laterally from the staff. In order to mount this flag in position, lugs 4 and 5 are formed integral with the flag at the center of the wings, and the lower lug 4 is provided with a large perforation of the diameter of the staff, while the upper lug 5 is provided with a small perforation of the diameter of the reduced portion. When the lugs are placed over the staff and the extreme end peened over, the flag will be held in position and for rotation on its staff.

The wings 3 are formed as shown in Fig. 2, so as to provide air vanes. If now, the automobile with the device thereon is moved in the direction of the arrow 6, Fig. 2, the device will rotate in the direction of the

arrow 7. The flag is painted or lithographed on each vane and on both sides of each vane, and care is taken that the impressions correspond. If now the vanes are caused to rotate at a high speed, it will look to an observer as if there are two animated flags fluttering in the breeze, even to the extent of being retained by the hal-yards represented by the lines 8. The effect will, therefore, be quite illusory.

In order to enhance the animated effect, and to bring about vertical movement of the flag, naturally taking place when an ordinary flag floats in the breeze, the tip of one wing is preferably placed a little higher than the tip of the other wing. This can be accomplished by formation of the wings, or by placing the apertures in the lugs 4 and 5, slightly out of alignment. With this construction there will be a vertical movement or vibration of the wings, so as to present more effectually the illusion of a flag floating in the breeze. Of course, this vibration should only be very slight in order to avoid blurring.

It is obvious that various changes may be made in the details of construction without departing from the spirit of this invention. It is, therefore, to be understood that this invention is not to be limited to the specific construction shown and described.

Having thus described the invention, what is claimed is:—

1. A device of the class described, comprising a staff, and a flag extending laterally from and mounted to rotate about the axis of said staff, with said staff substantially parallel to the plane of said flag, said flag having means adapting it for rotation by air currents about said axis.

2. A device of the class described, comprising a staff, and an air vane extending laterally from and mounted to rotate about the axis of said staff, with said staff substantially parallel to the plane of said vane, said vane having representations of a flag arranged on opposite faces thereof.

3. A device of the class described, comprising a staff, and an air vane mounted for rotation intermediate its ends about the axis of said staff, said vane having representa-

tions of a flag arranged on the wings thereof, adapted to simulate flags flying laterally from opposite sides of said staff.

4. A device of the class described, comprising a staff, and an air vane mounted for rotation intermediate its ends about the axis of said staff, said vane having representa-

tions of a flag on opposite faces thereof and arranged in displaced relation along said axis.

In testimony whereof I affix my signature this 11th day of April, 1917.

WILLIAM PETER ROWAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."