April 12, 1932. J. FREI, JR 1,853,305

ORNAMENT

Filed Sept. 8, 1930 3 Sheets-Sheet 1

Fig. 1.

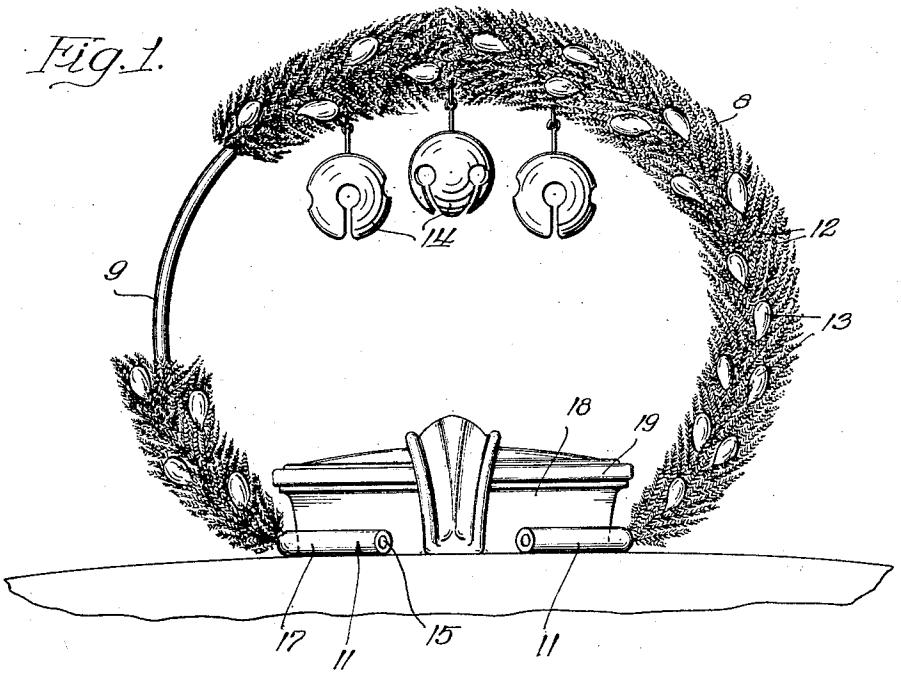


Fig. 2.

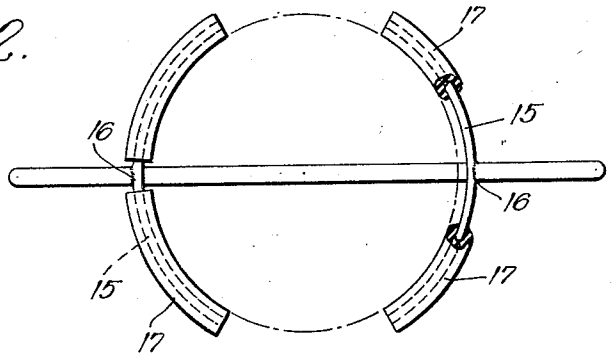
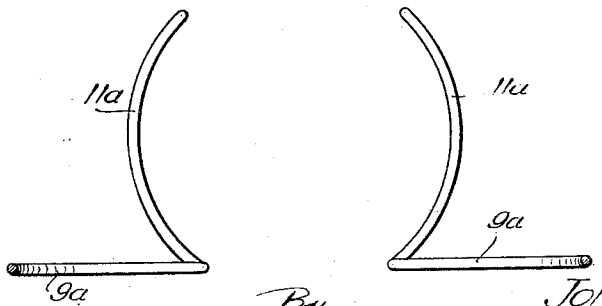


Fig. 3.



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April 12, 1932. J. FREI, JR 1,853,305

ORNAMENT

Filed Sept. 8, 1930 3 Sheets-Sheet 2

Fig. 4.

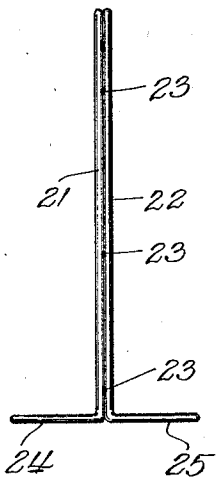


Fig. 5.

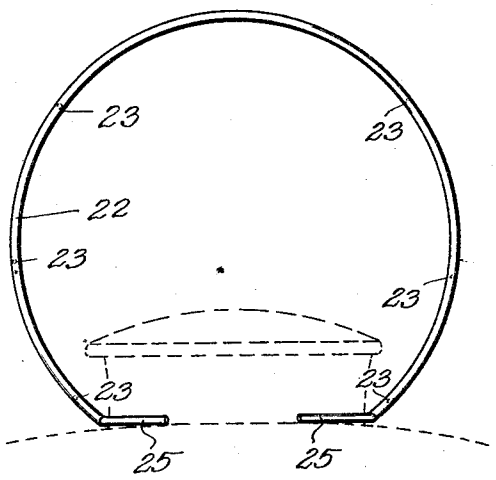


Fig. 6.

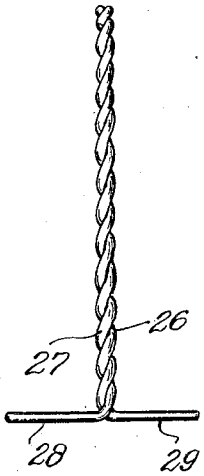
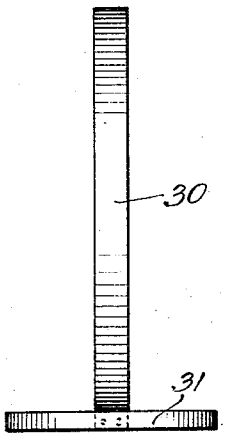


Fig. 7.



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April 12, 1932. J. FREI, JR 1,853,305

ORNAMENT

Filed Sept. 8, 1930 3 Sheets-Sheet 3

Fig. 8.

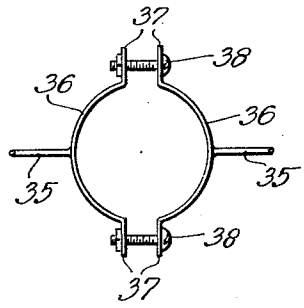


Fig. 9.

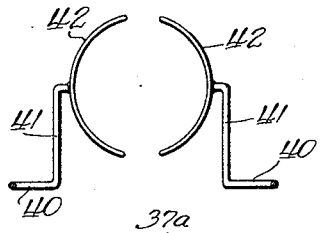


Fig. 10.

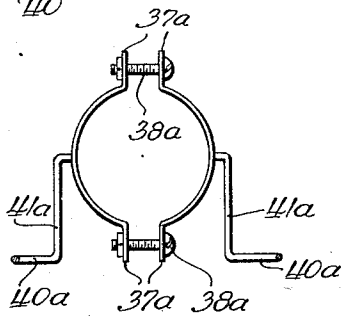
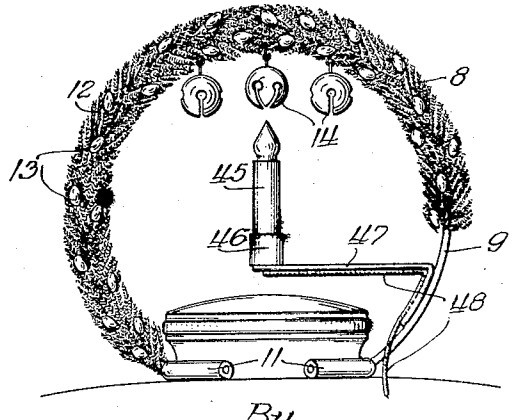


Fig. 11.



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UNITED STATES PATENT OFFICE

JOHN FREI, JR., OF CHICAGO, ILLINOIS

ORNAMENT

Application filed September 8, 1930. Serial No. 480,354.

The present invention relates to an ornament and is more particularly concerned with a decorative wreath which may be readily attached to a radiator cap or spout of an automobile.

The main object of the present invention is to provide an inexpensive ornament that may be attached and removed from the radiator cap or spout of an automobile with facility.

Another object is to provide the ornament with simple and efficient means for clamping the same to a radiator cap or spout in a manner which will hold the ornament securely and prevent it from becoming displaced or loosened.

Further objects and advantages will hereinafter appear in the following detailed description of the embodiment of the present device, reference being had to the accompanying drawings.

In the drawings:

Figure 1 is a front elevational view of the embodiment of my invention, illustrating the same as being attached to the cap of an automobile radiator;

Figure 2 is a bottom view of the ornament shown in Figure 1, omitting the decorations therefrom;

Figure 3 is a sectional view of a modified form of ornament frame;

Figure 4 illustrates a side view of a second modified form of ornament frame construction;

Figure 5 is a face view of the frame shown in Figure 4;

Figures 6, 7, 8, 9 and 10 illustrate other modified forms of frame structures; and

Figure 11 illustrates a modification of the preferred form of Figure 1, wherein an illuminated candle has been embodied as an additive attraction within the loop of the decorative wreath.

Referring to Figure 1, the ornament which is here shown in the form of a decorative wreath 8, comprises a frame 9 as a skeleton for the decorations to be carried, and arcuate clamping members 11. The frame 9 is conveniently formed from a suitable length of spring wire, or the like, and the decorative sprays 12 and berries 13 may be secured to the frame 9 in a known manner. In addition to the sprays 12 and berries 13, other decorations such as jingle bells 14 may likewise be secured to the frame 9 as a further attraction. Although Figure 1 shows a decorative wreath and bells, it is obvious that the resilient frame 9 may be utilized for supporting any other decorations desired.

The clamping members 11 may be formed by means of arcuately bent wires of suitable strength as shown in Figure 2 at 15, such wires being secured to the ends of the wire frame 9 by welding or soldering, as at 16. If desired, wire 15 may be either of spring material or of rigid construction. Short lengths of rubber tubing 17 are slipped over the ends of the clamping wires 15 to guard against scratching the radiator finish, or marring the radiator cap 18 when the ornament is being removed or applied. The rubber tubing 17 also acts as a frictional means for preventing the vibrations of an automobile from causing the ornament to turn on the radiator cap 18, while also preventing the ornament from slipping vertically on said cap. The frame 9, due to its inherent resiliency, holds members 11 tightly about cap 18, or the filler neck of the radiator, as the case may be.

Ordinarily, the pieces of tubing 17 will be frictionally held on the wires 15 by reason of the arcuate form of the latter, but if necessary, a suitable adhesive may be applied to the wires before the tubing is pushed thereover, to positively prevent the loosening of tubing pieces 17 and possible loss thereof.

The present device is advantageous by reason of its simplicity of construction as well as the ease with which it may be attached to and removed from a radiator cap or other object. By taking hold of the frame 9, with one hand at each side thereof, and spreading the frame slightly, the clamping members 11 may be separated sufficiently to pass downwardly over the rim 19 of the cap 18, and by releasing the frame 9 the ornament is secured in the position shown in Figure 1, from which it may readily be removed by reversing the operation described.

Referring now to the modified form of

holder shown in Figure 3, it is to be noted that the clamping members 11*a* are disposed in offset relation to the frame 9*a*. This form of holder has been particularly devised for attaching the ornament to an automobile having a projection, such as a motormeter, extending above the radiator cap. Since a motormeter projects a considerable distance above the cap, it would interfere with a decorative ornament constructed as that illustrated in Figure 1. For this reason, the clamping members 11*a* have been offset to bring the frame 9*a* out of the vertical plane of the motormeter. The clamping members may be offset to either face of frame 9*a* if desired, but in practice they will most generally be offset as shown in Figure 3 so as to bring the plane of the ornament forward of the motormeter so that the latter may readily be viewed by the driver. Attention is called to the fact that the frame 9*a* and clamping members 11*a* of the modified form above referred to, are constructed from a single piece of wire producing a very inexpensive framework for the ornament.

Figures 4 and 5 illustrate another form of holder comprising a pair of suitably bent spring wires 21 and 22 which are welded together as at 23 to form the frame. In this construction the ends of the wires 21 and 22 are bent outwardly and arcuately to form the clamping elements 24 and 25, respectively.

Figure 6 illustrates another modified form of frame comprising a pair of twisted spring wires 26 and 27 having their ends turned outwardly to form the clamping elements 28 and 29, respectively.

Figure 7 illustrates a modified form of frame wherein the holder or frame 30 is formed from a flat piece of spring material, such as spring steel, and a pair of clamping members 31 are suitably secured thereto as by welding or soldering. Members 31 may be made of flat spring material as shown in Figure 7, or short lengths of arcuately bent wire, such as 15 in Figure 2, may also be utilized. By using flat spring metal for the clamping members 31, it is apparent that these members will readily adjust themselves to conform to a large range of cap sizes. Likewise, the clamping members of any of the other forms shown in Figures 2, 3, 4 and 6 may readily be bent inwardly or outwardly to conform with different shapes and sizes of radiator caps.

The modified form, illustrated in Figure 8, comprises a spring wire frame 35, which is substantially the same as the frame 9 of Figures 1 and 2, having clamping members 36 secured thereto. The clamping members 36 may be made of any suitable material, preferably spring metal, and are of arcuate form with laterally extending ears 37 for the reception of bolts 38. Heretofore, it has been a cumbersome matter to attach split clamps of various types of ornaments to a radiator cap by means of fastening bolts. With the present construction, as shown in Figure 8, the attachment of the ornament to the radiator cap or spout becomes an easy matter. This is obvious by reason of the fact that on springing the frame open the clamping members readily pass over the cap, and the release of the frame will cause the clamping members to firmly grip the cap or spout, whereby the ornament is self-sustained, and bolts 38 may then be inserted through ears 37, with facility, and tightened to further secure the ornament.

Figure 9 is a modified form for use on an automobile equipped with a motormeter. This form differs from that illustrated in Figure 3 in that the spring frame 40 is bent laterally, as at 41, to join substantially the midpoints of the clamping members 42. Members 42, in this device, are under additional spring pressure when in clamped position on a radiator cap or spout, since the laterally extending portions 41 of the spring frame 40 likewise exert spring pressure on the clamps.

Figure 10 is another modified form which is a combination of the forms of ornament holders shown in Figures 8 and 9. This construction comprises a spring frame 40*a*, lateral extensions 41*a* and clamping members 42*a*. The latter are arcuate in form and are provided with extended ears 37*a* adapted for receiving suitable bolts 38*a*.

There are many possible variations of my invention, as above indicated and as will be obvious to those skilled in the art. For example, the addition of an illuminated candle, or of lights, etc. Figure 11 illustrates the use of an illuminated candle as embodied in the preferred form of Figure 1, and includes a suitable type of lamp 45, in the shape of a candle, a receptacle or socket 46 for the lamp, and a suitable support 47, the latter being welded or otherwise secured to the spring frame 9. One of the socket terminals is grounded, and a battery wire 48 is connected with the other terminal for supplying the necessary current for illuminating lamp 45.

Although preferred and satisfactory embodiments of the invention have been illustrated and described, it will be obvious that changes may be made therein within the spirit and scope of the invention, and, therefore, I do not wish to be strictly limited thereto but only in so far as is set forth in the appended claims.

What I claim is:—

1. A decorative ornament adapted to be attached to a member of an automobile radiator structure, comprising spring means for supporting decorations, and clamping means carried by the spring means and adapted to engage about the radiator member, said spring means acting to urge said clamping means tightly about said member.

2. A decorative ornament adapted to be

attached to a member of an automobile radiator structure, comprising a spring frame for supporting decorations, and clamping members secured to the ends of the frame and adapted to engage about the radiator member, said spring frame acting to urge said clamping members tightly about said member.

3. A decorative ornament adapted to be attached to a member of an automobile radiator structure, comprising a spring loop for supporting decorations, arcuate wire clamping members secured to the ends of said spring loop, and rubber tubes fitting over said clamping members, said clamping members being adapted to engage about said radiator member, and said spring loop acting to urge said clamping members tightly about the radiator member, said rubber tubing frictionally preventing movement of said ornament relatively to the radiator member.

4. A decorative ornament adapted to be attached to a member of an automobile radiator structure, comprising a vertically extending loop of resilient material for supporting decorations, and rubber covered clamping means secured to the ends of said loop and disposed in a plane at right angles to the vertical plane of the loop and adapted to frictionally engage about said member, said vertically extending loop acting by virtue of its resiliency to urge said clamping means tightly about said member.

5. An ornament comprising a decorative wreath adapted to be attached to a member of an automobile radiator structure, a spring wire frame having said wreath secured thereto, and clamping means carried by each end of said frame and extending laterally from the vertical plane thereof, each of said clamping means being arcuate in form with the open sides thereof facing each other and adapted to engage about said member, said spring wire frame acting to urge said clamping means tightly about said member to support said ornament.

6. In a device of the character described, a resilient supporting frame in the form of an open loop with its ends spaced apart, opposed clamping members secured to the ends of the loop, and a supporting member secured to the loop and projecting inwardly thereof for supporting an ornament within said loop.

7. In a device of the character described, a resilient supporting frame in the form of an open loop with its ends spaced apart, opposed clamping members secured to the ends of the loop, a supporting member carried by said device and projecting inwardly of the loop for supporting an ornament.

8. In a device of the character described, a supporting frame in the form of an open loop with its ends spaced apart, and opposed clamping members attached to the ends of the loop and extending inwardly toward the central vertical transverse plane of the loop substantially at right angles to said plane, said members extending an appreciable distance beyond and laterally of the plane of the loop.

In witness whereof, I hereunto subscribe my name this 6th day of September, 1930.

JOHN FREI, JR.