O. W. CARTER.

ORNAMENTING DEVICE.

APPLICATION FILED SEPT. 8, 1916.

1,240,940. Patented Sept. 25, 1917.

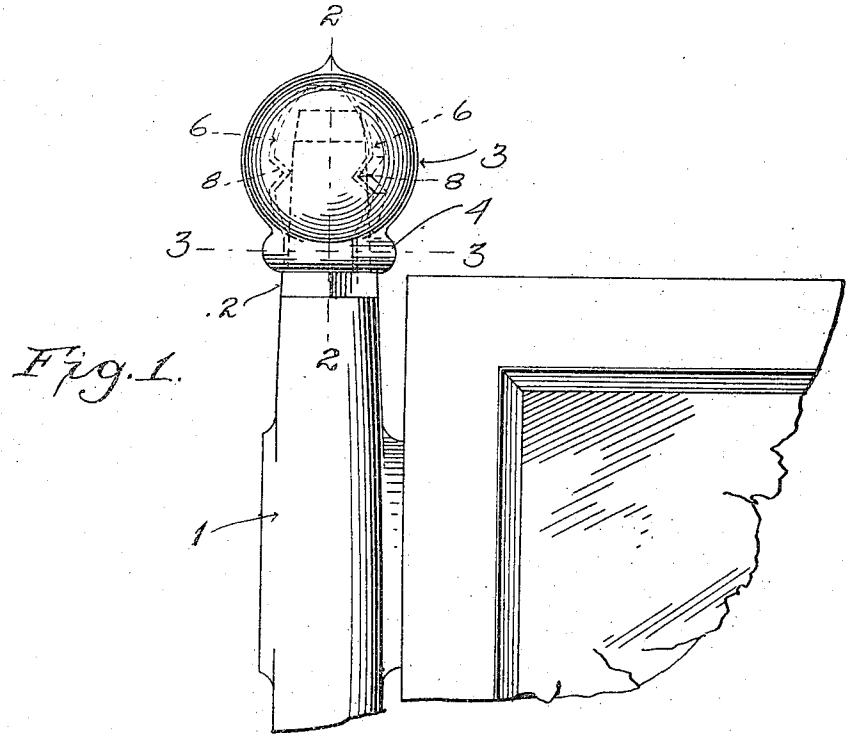


Fig. 1.

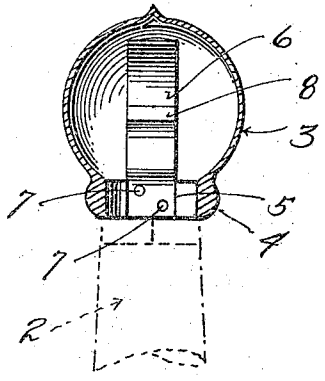


Fig. 2.

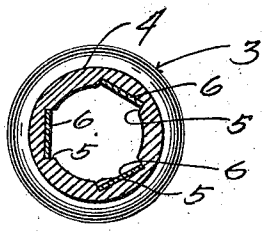


Fig. 3.

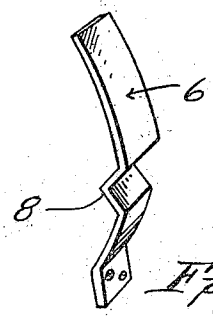


Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

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ORNAMENTING DEVICE.

1,240,940. Specification of Letters Patent. Patented Sept. 25, 1917.

Application filed September 8, 1916. Serial No. 119,099.

To all whom it may concern:

Be it known that I, OSCAR W. CARTER, a citizen of the United States, residing at Fellows, in the county of Kern, State of California, have invented certain new and useful Improvements in Ornamenting Devices; 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 ornamenting devices for use upon the ends of rods, and has particular reference to an ornamental attachment which is adapted to be placed upon the upper ends of wind shield standards.

In the construction of a wind shield whose supporting standards are utilized as the front supports for the so-called "one man" automobile tops, the upper ends of the supporting standards are shaped into spindles of various conformations to fit into correspondingly shaped sockets provided in the front ends of the frame of the "one man" top to be therein secured when the top is extended. When the top is folded, these upwardly projecting spindles present an unsightly and unfinished aspect, since obviously they cannot be provided with a coating of enamel or paint which would be permanent. Generally the spindles or knobs become rusted and discolored.

It is the object of my invention, therefore, to construct an ornamental top or cap which may be removably placed in position over the upper end of the spindle above mentioned when the top is folded so as to give a finished and ornamental appearance to the upper ends of the wind shield support and that will protect the spindle from rust and discoloration. To this end, the invention consists in the provision of a metallic shell of spherical or other shape which may be fitted over the end of a spindle, and is provided with suitable spring retaining members which engage the shank of the spindle with a sufficiently firm clasp to prevent the accidental removal of the latter and to avoid the rattling thereof. The metallic shells are made of any suitable sheet material, and are colored or plated to match the trimmings of the automobile upon which they are to be employed. It might be stated, furthermore that the spring retaining members above mentioned which are inclosed by the shell also act as protectors to the shell so that there is no danger of the spindle being jammed against the interior of the shell so as to mar or break its surface.

With the above object in view and such other objects relating to the detailed construction of my invention as may hereinafter appear, my invention will now be fully set forth and described, reference being had to the accompanying drawings.

In the drawings:—

Figure 1 is an elevational view of a portion of a wind shield stem and wind shield showing my invention applied thereto,

Fig. 2 is a section on line 2—2 of Fig. 1,

Fig. 3 is a section on line 3—3 of Fig. 1, and

Fig. 4 is a detail view of one of the spring elements.

Referring more particularly to the drawings, 1 represents a wind shield standard having the spindled end 2 upon which the forward end of the "one man" top is adapted to be clamped. Adapted to be placed over the upper end of the spindle 2 is a globular shell 3, which in the present instance is shown as a substantially spherical element. The lower end of the shell 3 is shaped into a comparatively heavy collar or annulus 4 whose inner periphery is adapted to snugly fit over the lower end of the spindle 2, thus providing a bearing for the shell 3. The inner periphery of the annulus 4 is furthermore provided with a plurality of recesses 5, which in the present instance are shown as three in number though obviously, any desired or suitable number of recesses may be employed. Seated in each one of the recesses 5 is the base of a spring 6, and is therein secured by means of rivets or other fastenings 7. The springs 6 consist of upwardly and inwardly bowed leaf spring elements whose upper ends are adapted to overlie the extremity of the spindle 2 so as to provide a buffer between the end of the spindle and the top of the shell 3. It is obvious that when three or more of the springs 6 approach an apex above the extremity of the spindle 2, the shell is adequately protected from becoming jammed by the forcible projection of the end of the spindle thereagainst. The intermediate portions of the springs 6 are inwardly crimped on a transverse line in order to provide the shoulders 8. The shoulders 8 normally extend in-

wardly beyond the inner periphery of the annulus 4, but when the spindle is inserted into the shell, the springs 6 are sprung outwardly, and the shoulders 8 ride over the upper end thereof and down upon the shank of the spindle so that in the present case, the shell is held upon the spindle, not only by the contact between the inner surface of the annulus 4 and the spindle but also by the contact of the shoulders 8 therewith. The manner of the use of the device is obvious from the foregoing description, but it should be additionally noted that the use of the device is not limited to an ornament for the upper ends of automobile wind shield supports, but they are applicable to the ends of curtain poles, bed posts and staffs of various uses. The spring member 6 permits the device to be used upon staffs and rods of a number of diameters which is only limited by the diameter of the opening through the annulus 4. The device is capable of ready manufacture at a low price, and in the one structure described may be adapted to the majority of wind shield supports now in use, so that its distribution is not limited to one manufacturer's output.

What I claim is:—

The combination with the projecting end of a spindle, of a decorating and protecting cap engaged with said end, said cap comprising a hollow shell having an opening in which the spindle is engaged, an annulus carried by the shell and surrounding the opening, said annulus having a plurality of recesses formed in its inner surface, a leaf spring for each recess, said springs being secured at one end in the recesses and extending within the shell, said springs being bent upon transverse lines between their ends to provide inwardly directed spindle gripping shoulders engaging the spindle, said springs beyond the shoulders being curved to extend inwardly of the shoulders and over the end of the spindle for engagement by the end of the spindle to limit the inward movement of the spindle with respect to the shell.

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

OSCAR W. CARTER.

Witnesses:
F. R. SHEPHERD,
PAUL MURPHY.

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