April 24, 1928. 1,667,520

J. N. HENRY

CURTAIN SUPPORT

Filed Nov. 8, 1927

Fig. 1.

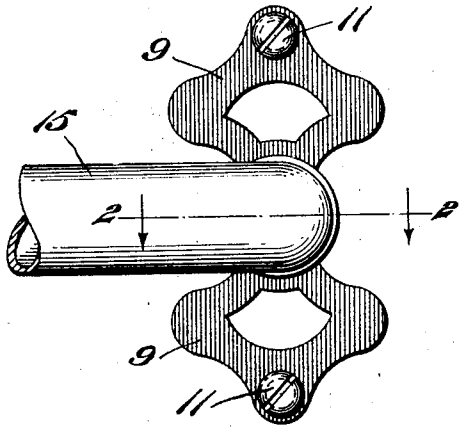


Fig. 2.

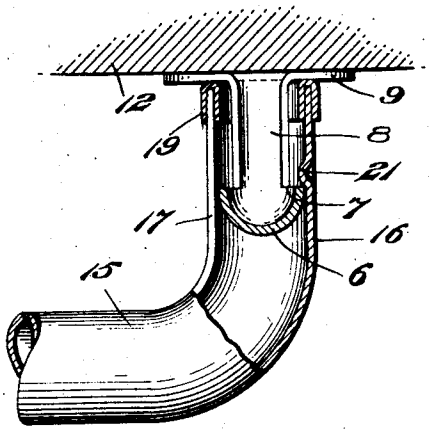


Fig. 3.

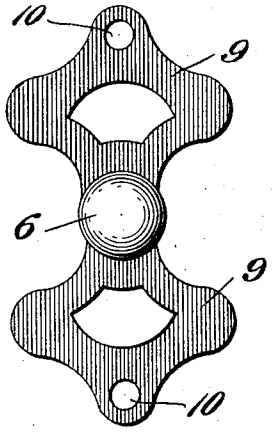
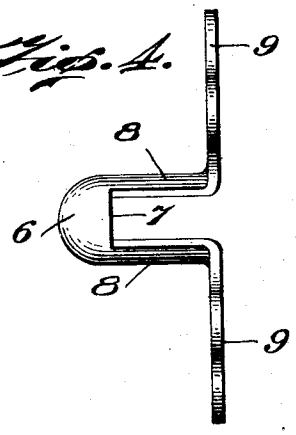


Fig. 4.



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UNITED STATES PATENT OFFICE.

JAMES N. HENRY, OF PROVIDENCE, RHODE ISLAND.

CURTAIN SUPPORT.

Application filed November 8, 1927. Serial No. 231,810.

My invention relates to curtain rods and to brackets therefor.

The essential objects of my invention are to insure in the support a firm engagement of the rod with its brackets; to prevent accidental detachment of the parts; and to attain these purposes in a strong, durable, and inexpensive structure.

To the above ends my invention consists in such parts and in such combinations of parts as fall within the scope of the appended claim.

In the accompanying drawings:

Figure 1 is a fragmentary front elevation of my novel curtain support,

Figure 2, a section on line 2—2 of Figure 1, and

Figures 3 and 4, a front elevation and a side elevation respectively of one of the brackets.

Similar characters of reference indicate similar parts throughout the views.

In detail my support includes a pair of brackets constructed in detail as follows. A substantially hemispherical end plate 6 has integral with its peripheral edge 7 parallel transversely curved legs 8 terminating in attaching lugs 9 disposed at right angles to the legs and provided with perforations 10 to receive screws 11 for engagement with the window frame 12. The brackets are mounted with the lugs 9 in a vertical position.

The curtain rod is of the usual tubular form comprising a straight body portion 15 with inwardly directed end portions 16, said body and end portions being provided with the usual longitudinal slit 17 extending throughout its length formed by the abutting edges of the stock when the rod is rolled. By reason of this slit and the thin constituent metal the rod possess a transverse or radial resiliency. Upon the extremity of each end portion of the rod is the usual ferrule 19. In the outer side of each end portion 16 of the rod, near or adjacent its extremity is indented an internal rounded projection 21.

In applying the rod to the brackets each rod end portion slides loosely over its bracket until the edge 7 of the plate 6 strikes the projection 21 and forces a temporary expansion of the rod end portion. After the plate edge has passed over the projection the rod end portion contracts with the plate edge in snug contact with its opposite side, and the ferrule abuts against the lugs 9.

I claim:—

The combination of a hollow yieldable rod provided with an internal projection adjacent its end, attaching lugs, legs upon the lugs within the rod, and a plate upon the end of the legs adapted to contact with the projection to expand the rod during its passage into the rod.

In testimony whereof I have affixed my signature.

JAMES N. HENRY.