J. GOLDBERG.

CURTAIN ROD.

APPLICATION FILED APR. 29, 1916.

1,216,983. Patented Feb. 20, 1917.

Fig. 1.

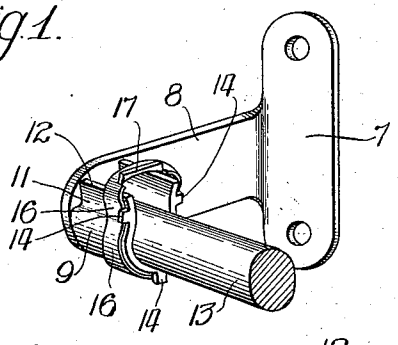


Fig. 2.

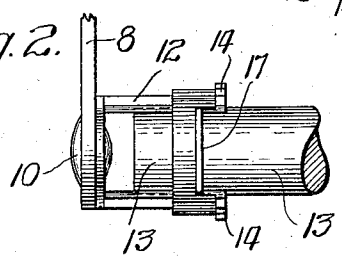


Fig. 3.

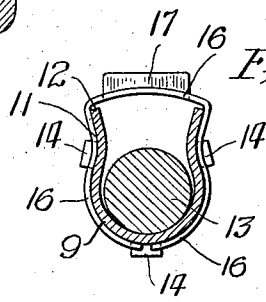


Fig. 4.

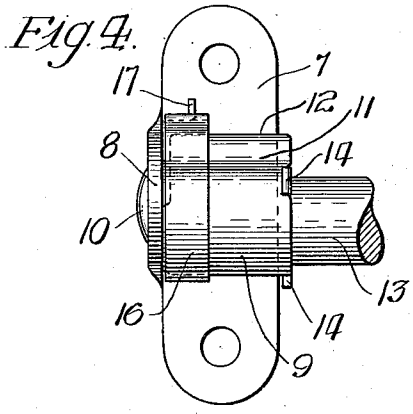
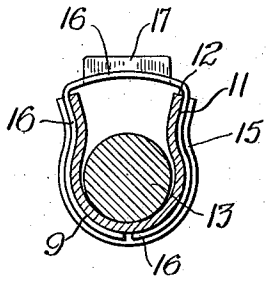


Fig. 5.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

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CURTAIN-ROD.

1,216,983. Specification of Letters Patent. Patented Feb. 20, 1917.

Application filed April 29, 1916. Serial No. 94,472.

To all whom it may concern:

Be it known that I, JULIUS GOLDBERG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curtain-Rods, of which the following is a specification.

This invention relates to a bracket intended primarily for use as a support for a curtain rod, although obviously the bracket is adapted for use as a support for rods intended for purposes other than that of hanging curtains.

The object of the invention is to provide a suitable clip adapted to prevent accidental displacement of the end of the rod, and to so design and construct the clip that it will be easy to manipulate, and at the same time be strong and durable and cheap to manufacture.

A further object of the invention is to so construct the clip that it will be adapted for use in connection with sockets of substantially the form now in general use, so that it can be applied to the latter without substantial modification thereof.

The invention further consists in the features of construction and combinations of parts hereinafter described and claimed.

In the drawing:

Figure 1 is a perspective view of the bracket of the present invention with a section of curtain rod in place;

Fig. 2 is a top or plan view of the same;

Fig. 3 is a sectional elevation of the same;

Fig. 4 is a side elevation; and

Fig. 5 is a slightly modified form of the structure shown in Fig. 3.

The clip which more particularly forms the subject matter of the present invention is applied to a bracket comprising a base plate 7 adapted to be screwed or otherwise secured to the casing of a window or other suitable support. The base plate has outstanding therefrom, at one edge thereof, a supporting arm 8 having a U-shaped socket 9 secured at right angles thereto by means of a rivet 10, best shown in Fig. 2. This is a common construction in devices of this kind; and the present invention is designed as an adjunct or attachment thereto in order to prevent the curtain rod from being accidentally displaced through the open upper side of the socket. The socket shown is slightly incurved on its sides near the upper edges at the points 11, above which the terminal edges of the socket are outwardly flared to a slight degree to facilitate the dropping in of the end of the curtain rod which is designated by the numeral 13.

The outer U-shaped edge of the socket is preferably provided with a plurality of ears or lugs 14, as shown in Fig. 1, or in lieu thereof, with a continuous stop flange 15, as shown in Fig. 5, which arrangement, in either form, serves to limit or restrict the outward movement of a spring clip 16 designed to prevent the curtain rod from being lifted out of the socket through accident or other causes when the device is in use. The clip 16 is preferably formed of thin spring metal, such as spring steel, and is in the form of a loop, which is split in its under side, but is continuous throughout the remainder of its area. The loop on each side at the point 16 is inwardly bent to conform closely to the contour of the socket wall, and the clip is of considerably narrower dimensions than the socket, so that when it is desired to insert the curtain rod in place, the clip may be retracted and the curtain rod dropped in place without difficulty.

The upper portion of the clip bridges over the opening in the socket and in order to reduce the width of the clip at this point to the greatest extent, and in order to provide a finger piece for facilitating its manipulation, the metal composing the bridge portion of the clip is incut and upturned to form a tongue 17 adapted to furnish an abutment for the contact of the thumb or finger of the user. The arrangement is one which enables the insertion of a rod but slightly shorter than the distance between the inner walls of the sockets which receive the rivets 10, since the provision of the tongue 17 reduces the width of the spring clip and affords an opening for the insertion of the end of the curtain rod.

The clip on each of a pair of brackets will be retracted to the position shown in Fig. 3, which permits the ends of the curtain rod to be dropped in place, after which the clips

will be drawn forward until they contact with the stop or stops at the outer edge of the sockets, which manipulation of the parts prevents displacement of the rod. The formation of the clip is such that it will embrace the socket so closely that it cannot be accidentally removed or sprung out of position, and the construction is such that it is adapted for ready use in connection with brackets of a well known and standard type, which require no modification other than the upsetting of the edges to afford the stop lugs or flanges.

The device is so extremely simple in construction that it can be made at a minimum of cost and can be manipulated much easier than the closed sockets commonly in use, which are screwed into position after the rod has been properly alined with the bracket.

I claim:

1. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, an open socket outwardly extending therefrom, and an encircling clip slidably mounted on the socket and of less width than the socket, and adapted to be retracted to permit the insertion of the end of the rod and advanced to overlie the end, substantially as described.

2. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, an open socket outwardly extending therefrom, and an encircling clip slidably mounted on the socket and of less width than the socket, and adapted to be retracted to permit the insertion of the end of the rod and advanced to overlie the end, and having a portion of the clip which bridges the open side of the socket incut and upturned to reduce the width of this portion of the clip, and to furnish a finger piece or flange adapted to facilitate the manipulation of the clip, substantially as described.

3. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, an open socket outwardly extending therefrom, an encircling clip slidably mounted on the socket and of less width than the socket, and adapted to be retracted to permit the insertion of the end of the rod and advanced to overlie the end, and a stop member formed on the outer edge of the socket to restrict the sliding movements of the clip, substantially as described.

4. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, an open socket outwardly extending therefrom, an encircling clip slidably mounted on the socket and of less width than the socket, and adapted to be retracted to permit the insertion of the end of the rod and advanced to overlie the end, and having a portion of the clip which bridges the open side of the socket incut and upturned to reduce the width of this portion of the clip, and to furnish a finger piece or flange adapted to facilitate the manipulation of the clip, and a stop member formed on the outer edge of the socket to restrict the sliding movements of the clip, substantially as described.

5. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, a U-shaped socket secured thereto and outwardly extending therefrom, and being open on the upper side to receive the end of a rod, and having its side walls below the upper edges inwardly bent to afford a throat of less diameter than the space between the upper edges, and a loop-shaped clip slidably mounted on the socket portion and of less width than the socket, and formed to closely embrace the walls of the socket and slidable thereon to permit the insertion of the end of the rod when retracted, and to prevent displacement of the rod when advanced, substantially as described.

6. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, a U-shaped socket secured thereto and outwardly extending therefrom, and being open on the upper side to receive the end of a rod, and having its side walls below the upper edges inwardly bent to afford a throat of less diameter than the space between the upper edges, and a loop-shaped clip slidably mounted on the socket portion and of less width than the socket, and formed to closely embrace the walls of the socket and slidable thereon to permit the insertion of the end of the rod when retracted, and to prevent displacement of the rod when advanced, and having the bridge portion thereof incut and upturned to reduce the width of the loop and to afford an upstanding tongue or flange to facilitate the manipulation, substantially as described.

7. In a support for a curtain rod or the like, the combination of a member adapted for attachment to a suitable support, a U-shaped socket secured thereto and outwardly extending therefrom, and being open on the upper side to receive the end of a rod, and having its side walls below the upper edges inwardly bent to afford a throat of less diameter than the space between the upper edges, a loop-shaped clip slidably mounted on the socket portion and of less width than the socket, and formed to closely embrace the walls of the socket and slidable thereon to permit the insertion of the end of the rod when retracted,

and to prevent displacement of the rod when advanced, and having the bridge portion thereof incut and upturned to reduce the width of the loop and to afford an upstanding tongue or flange to facilitate manipulation, and a stop member struck outwardly from the forward edge of the socket member to limit the outward movements of the clip, substantially as described.

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