Sept. 20, 1932. H. RUMPF ET AL 1,878,189

CURTAIN CARRIER

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Fig. 1.

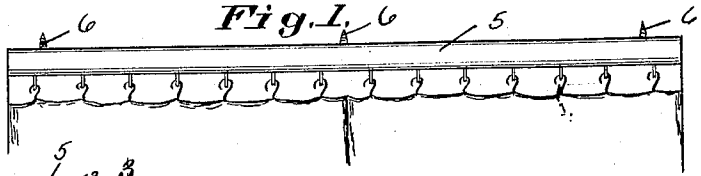
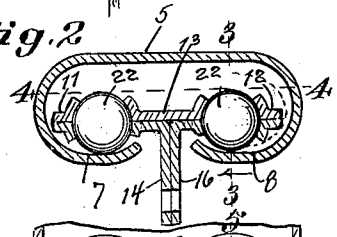


Fig. 2.



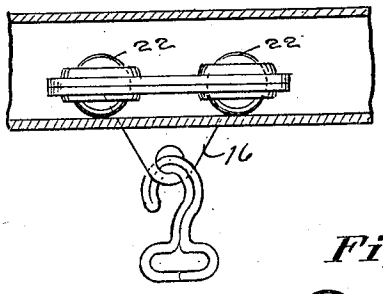


Fig. 3.

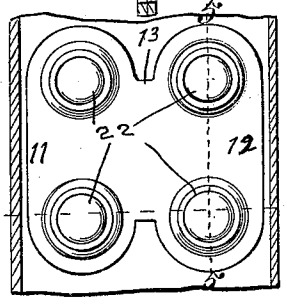


Fig. 4.

Fig. 5.

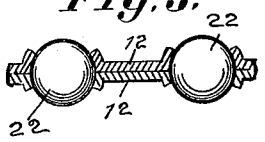


Fig. 6.

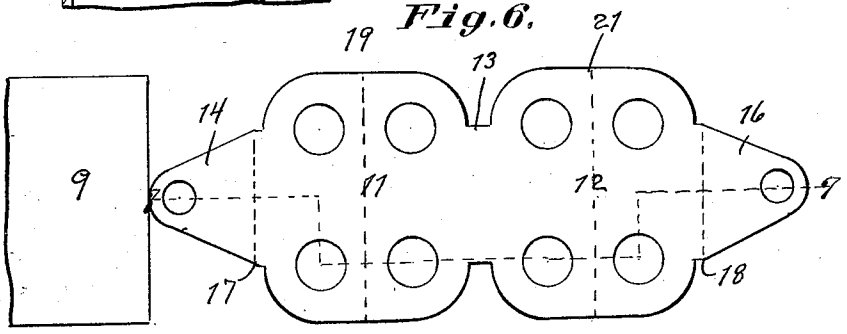
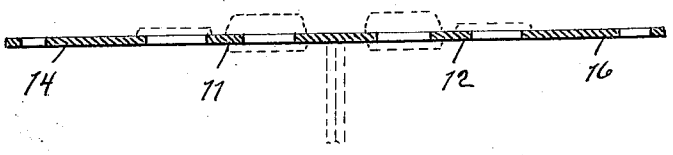


Fig. 7.



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CURTAIN CARRIER

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Fig. 8

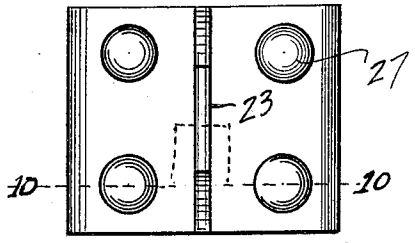


Fig. 9

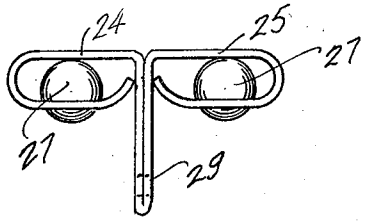


Fig. 10

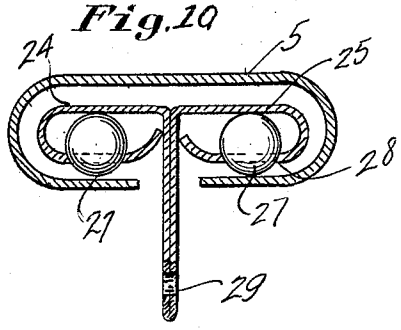
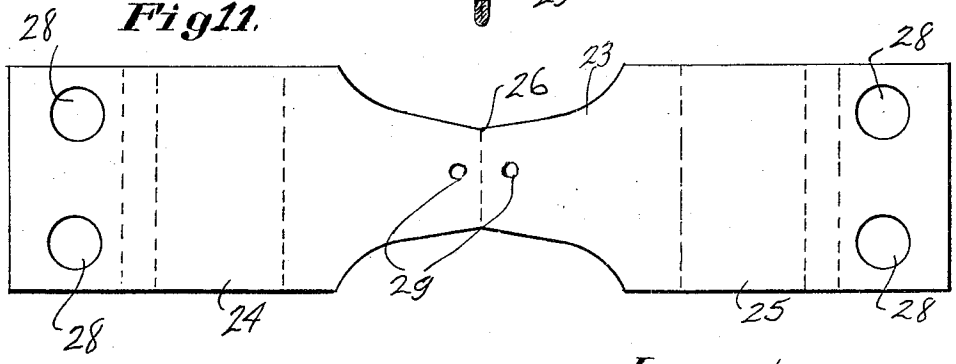


Fig 11.



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UNITED STATES PATENT OFFICE

HERMAN RUMPF AND IRWIN RUMPF, OF SAN FRANCISCO, CALIFORNIA

CURTAIN CARRIER

Application filed June 20, 1928, Serial No. 286,961. Renewed February 9, 1932.

This invention relates to improvements in curtain carriers and has particular reference to a novel construction of a carrier, whereby curtains, draperies or the like may be readily moved along the length of the supporting track or rod.

The principal object of this invention is to produce a device of this character which may be used with the standard form of track now upon the market.

A further object is to produce a device which is economical to manufacture.

A still further object is to produce a device which is neat in appearance and one which will not detract from the artistic value of a drapery.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a fragmentary view showing a track having a drape hung therefrom and employing our invention,

Figure 2 is an enlarged detail cross section taken on the line 2—2 of Figure 4,

Figure 3 is a cross-sectional view taken on the line 3—3 of Figure 2, and showing a carrier in elevation,

Figure 4 is a horizontal cross-sectional view taken on the line 4—4 of Figure 2,

Figure 5 is a cross-sectional view taken on the line 5—5 of Figure 4,

Figure 6 is a top plan view of the blank and strip from which the same is cut,

Figure 7 is a view taken on the line 7—7 of Figure 6 and showing in dotted lines the manner in which the ball sockets are formed,

Figure 8 is a bottom plan view of a modified form of carrier,

Figure 9 is an edge view of the same,

Figure 10 is a vertical section through the carrier on the line 10—10 of Figure 8 with the track likewise being shown in section, and

Figure 11 is a top plan view of the blank from which the modified form of carrier is made.

At the present time it is common to hang drapes from tracks having carriers movable thereover or therein. These carriers often bind, thereby preventing the drape from being moved, with the result that the drapes become torn, pulled and otherwise deranged. The types of carriers now on the market, as far as we are aware, are more or less of a complicated nature, and due to the fact that they are made of a plurality of parts, often when repeatedly used, break which breakage results in the necessity to substitute an entirely new carrier for the one which has become deranged. In the present invention we have endeavored to simplify the construction of the conventional carrier and to produce a one piece carrier construction that will not bind and that will have a positive contact with the track.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of our invention, the numeral 5 designates a track which is secured to a window or door opening as by screws 6. Within the track we mount our carriers so that they will ride upon the track surfaces 7 and 8. As all of the carriers supporting the drapes are alike, but one will be herein described.

Each carrier consists of a blank which is stamped from a strip as shown at 9, and when so stamped has sections 11 and 12 which are connected together as shown at 13 from which sections, supporting ears 14 and 16 respectively are connected.

As the blank is formed as shown in Figure 6, it is again bent in any convenient manner so as to form offsets as designated in dotted lines in Figure 7, which offsets serve to house ball bearings as will be later described. In order to retain the ball bearings, we first bend the ears 14 and 16 upon the dotted lines 17 and 18 respectively and at right angles to the blank. We then bend the portions 11 and 12 upon the lines 19 and 21 respectively and before completing the bend we insert the ball bearings 22 in their respective positions. When the bending operation is complete, the device will present an appearance as shown in Figures 2 and 3 after which the carrier may be inserted in the track and when moved

along the track surfaces 7 and 8 will have very little friction with the result that a curtain hung therefrom may be readily moved.

In the modified form of the invention shown to advantage in Figures 8 to 11 inclusive, the numeral 23 designates a blank which is stamped from a metal strip and when so stamped has sections 24 and 25 connected together as at 26. This blank is bent similar to the blank shown in the preferred form of the invention to present the appearance of the carrier as disclosed in Figures 9 and 10, with ball bearings 27 resting in perforations 28 that are formed in the sections 24 and 25.

It is also to be noted that openings 29 are provided which when the carrier is formed, align so as to receive therein a hook or the like, such as shown to advantage in Figure 3 of the preferred form of the invention.

In this particular form of the invention, we have found that the same can be economically produced as the necessity of forming the offsets is eliminated and at the same time the device accomplishes all of the objects set forth for the preferred form of the invention.

It is to be understood that the forms of our invention herewith shown and described are to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described our invention, we claim:—

A carrier for curtains adapted to move within a divided tubular track member, and comprising a main body member and a depending hanger formed integral with the body member, said body member having a plurality of openings therein, and being offset adjacent the openings, and anti-friction balls positioned in the openings of the body member and retained against accidental displacement by virtue of the offsets in said body member.

In testimony whereof we affix our signatures.

HERMAN RUMPF.
IRWIN RUMPF.