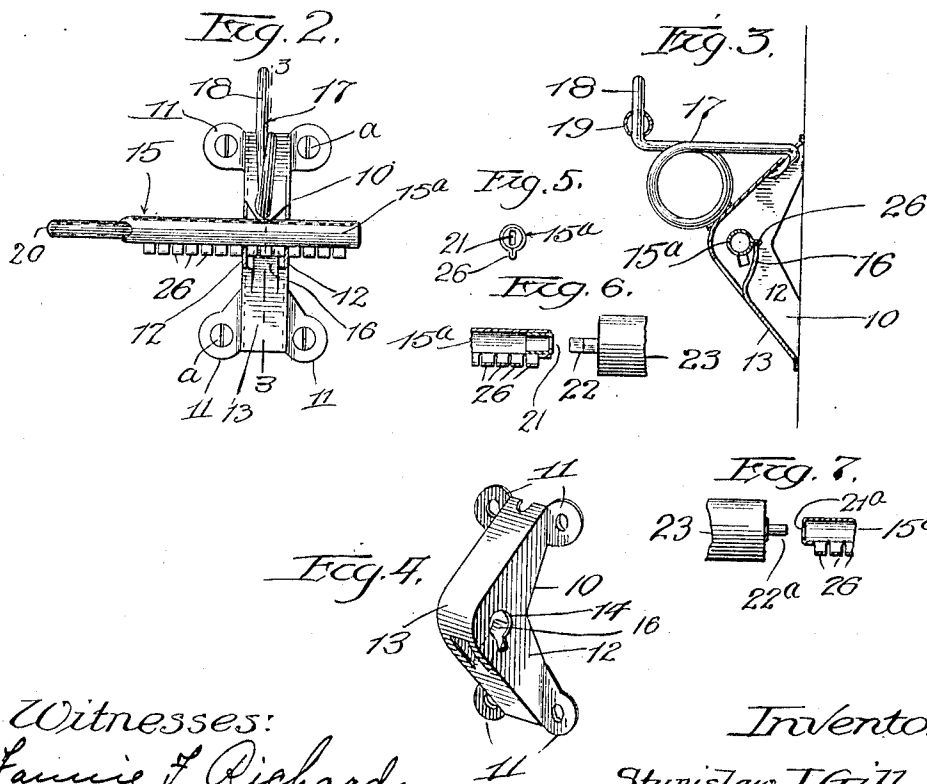
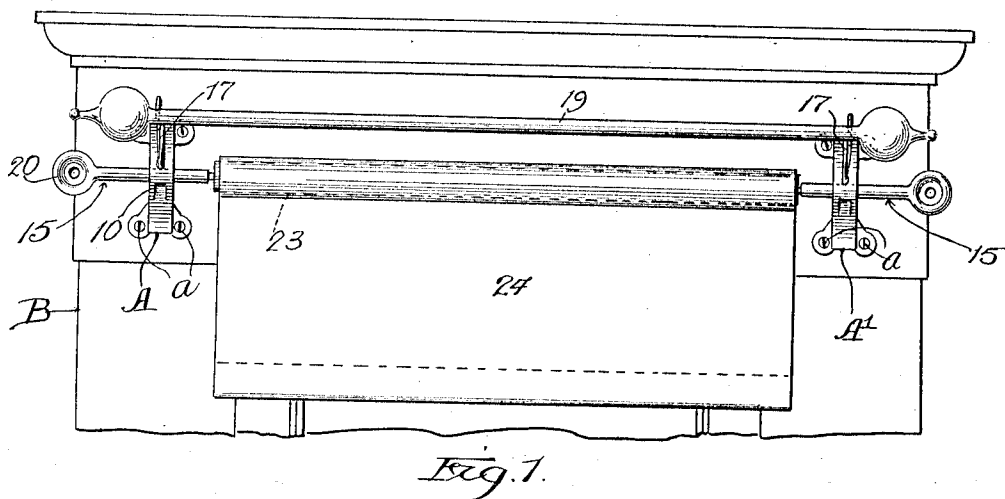


S. J. GILL.
SHADE CURTAIN FIXTURE.
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UNITED STATES PATENT OFFICE.

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SHADE-CURTAIN FIXTURE.

1,040,186.

Specification of Letters Patent.

Patented Oct. 1, 1912.

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To all whom it may concern:

Be it known that I, STANISLAW J. GILL, a citizen of the United States, residing at Hammond, in the county of Lake and State of Indiana, have invented new and useful Improvements in Shade-Curtain Fixtures, of which the following is a specification.

This invention relates to shade curtain fixtures and has for its main object to provide a shade curtain fixture adapted to be permanently attached to a window frame or the like and capable of holding in place any one of a number of shade rollers whose length may vary several inches beyond that occupied by a shade roller fitted originally to be held between the two brackets of a fixture located at certain places on the window frame.

It is well known that window frames and shade rollers vary in width, and that when a shade and its fixtures are removed from one window frame and secured to another one, the two members of the fixture frequently must be secured at places upon the window frame different from the ones formerly occupied by the fixture previously secured thereon.

In my present curtain fixture I provide a socket member in each bracket, which is capable of longitudinal adjustment, whereby the distance between the roller-supporting points on said socket members may be lengthened or shortened to accommodate any shade roller within certain limitations of length.

Other objects and advantages will be made apparent in the course of this specification and with all of said objects and advantages in view this invention consists in the several novel features of construction, arrangement and combinations of parts hereinafter fully set forth and claimed.

The invention is clearly illustrated in the drawing furnished herewith in which:

Figure 1 is a front elevation of the upper part of a window frame, showing my improved shade curtain fixture secured thereto and supporting a shade roller and curtain pole, Fig. 2 is a front view of one bracket of the fixture, partly broken out, Fig. 3 is a vertical section taken on the line 3-3 of Fig. 2, Fig. 4 is a perspective view of the base member of the bracket, Fig. 5 is an end view of the socket member of the bracket, Fig. 6 is a view, partly in longitudinal section and partly in side elevation of a frag-

ment of the socket member and shade roller, detached from each other and Fig. 7 is a similar view at the other end of the shade roller and the other socket member.

In the embodiment of the invention illustrated in the drawing, two brackets A, A¹, are employed, each being permanently secured to the window frame B, as for instance by means of the screw *a*. The two brackets of the fixture are substantially alike, and one of them will now be described in detail: Each bracket comprises a base member 10, preferably struck up of sheet metal, as shown in Fig. 4, and formed at its base with perforated ears 11, through which are passed screws that fasten the bracket to the window frame. The base member is preferably of V shape in formation, having two sides 12, connected by a transverse web 13. The side pieces 12, are formed with key hole slots 14, adapted to receive the stem 15^a of a socket member 15, which is adjustably secured therein and said transverse web 13, of the bracket is formed with an inwardly stamped tongue 16, which forms a stop for the stem 15^a, as will be hereinafter set forth.

Where it is desired to support lace curtains or other draperies from a fixture embodying my invention, I provide a hook-like device 17, soldered or otherwise secured to each base member 10, as shown in Figs. 1 and 3, said hook-like member having an up-turned end 18, adapted to enter holes in the curtain rod shown at 19, whereby the latter may be detachably secured upon said hook-like members.

The stem 15^a, of each socket member is preferably struck up from sheet metal and has an ornamental thumb piece 20, at one end and a socket or opening 21, 21^a, in the other end, adapted to receive the pins or studs 22, 22^a, of the shade roller 23. The shade roller construction is well known and usually has some form of coiled spring arrangement between the pin or stud 22, and roller body for re-winding the curtain 24, upon the shade roller after the curtain has been drawn down and released. This pin or stud is also formed with a non-circular end adapted to enter the socket or opening 21, which is made to conform to the shape of the non-circular end of the pin or stud 22. In Fig. 6 I have shown said socket or opening as formed in a separate thimble rigidly secured in the open end of the socket member 15, but this particular form of construc-

tion is not material inasmuch as the end, itself, of the stem may be turned in and formed with a non-circular opening. Fig. 7 illustrates the socket member at the end of the shade roller having the cylindrical pin or stud 22^a.

The stem 15^a, is formed with a number of closely spaced teeth 26, extending longitudinally of the stem and projecting radially therefrom and certain of said teeth are made to engage with the side walls 12, of the base member 10, for the purpose of holding the socket member in fixed relation to the base member after it has been adjusted in place therein. Said key hole slots 14, are of a shape to freely admit the passage of the teeth through the openings and by bringing certain of the notches between the teeth 26, into register with the side walls 12, of the base member, the stem may be turned around upon its axis to confine the adjacent edges of the side walls between the teeth of two pair of teeth as clearly shown in Fig. 2. In practice the stem is turned around until those teeth within the base member engage with the tongue 16, which prevents its further rotation in that direction. It is to be observed that the downward pull upon the shade curtain, (which results in its being unwound from the roller,) has a tendency to turn the socket member in its seat by reason of the engagement of the non-circular end of the pin 22, with the stem 15^a, but this tendency to turn the stem is positively prevented by the engagement of the tongue 16, with those teeth of the stem within the base member as clearly indicated in Fig. 3.

A pair of brackets containing the construction above set forth are permanently attached to a window frame as shown in Fig. 1, after which the socket members 15, may be adjusted longitudinally in the base member of each bracket to accommodate any shade holder whose length is not greater than the distance between the brackets which may be considerably less, within certain limits, depending of course upon the length of the stems 15. In securing a shade roller in place upon a pair of brackets containing the present invention, the shade roller is held central between the two brackets, the stems thrust inward through the key hole slots 14, until the pins 22, 22^a, seat in the sockets 21, 21^a, in the opposing ends of the stems, after which both stems may be turned around in the brackets until the teeth engage the tongues 16.

A building provided with fixtures of the kind herein described, has this particular advantage, namely: the fixtures need not be removed and replaced in case a different shade roller is substituted for the one originally held by said brackets, provided said shade roller is narrower, within certain defined limits, than the distance between the two brackets of the fixture.

I realize that various alterations and modifications of this device are possible without departing from the spirit of my invention, and I do not therefore desire to limit myself to the exact form of construction shown and described.

I claim as new and desire to secure by Letters Patent:

1. In a shade curtain fixture, a base member having a key hole slot in its side, and a tongue adjacent said slot, in combination with a socket member capable of holding one end of a shade roller, and having a series of spaced teeth extending longitudinally of the socket member, and adapted for engagement with the base member and tongue, substantially as and for the purpose set forth.

2. In a shade curtain fixture, a sheet metal base member, having key hole slots in its sides, and a tongue extending to a point adjacent said key hole slots, in combination with a socket member, capable of holding one end of a shade roller, and having a series of spaced teeth extending longitudinally thereof and adapted to pass through said key hole slots, and to embrace the sides of the base member when turned in said key hole slots, said tongue acting as a stop limiting rotation of said socket member in one direction.

3. In a shade curtain fixture, a sheet metal base member, having key hole slots in its sides, and a tongue stamped in from its front and extending to a point between said key hole slots and immediately behind them, in combination with a socket member, having a stem formed with a socket in one end for the reception of a curtain pole pin or stud, and also formed with a series of spaced teeth extending longitudinally of the stem and adapted to pass through said key hole slots, and engage said tongue and sides of the base member when the stem is turned through a certain arc in said slots.

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Witnesses:

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