

(No Model.)

C. ZUCKMAIER.
CURTAIN POLE.

No. 541,650.

Patented June 25, 1895.

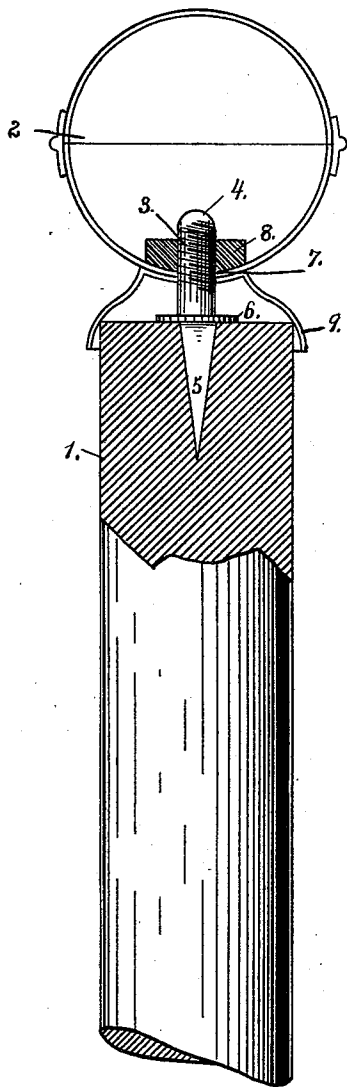


Fig. 1.

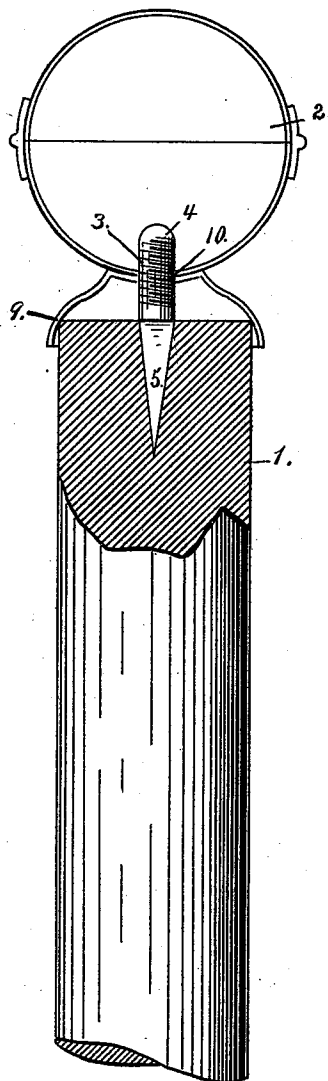


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

CHARLES ZUCKMAIER, OF TONAWANDA, NEW YORK.

CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 541,650, dated June 25, 1895.

Application filed June 8, 1894. Serial No. 513,888. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ZUCKMAIER, a citizen of the United States, residing at Tonawanda, in the county of Erie and State of New York, have invented certain new and useful Improvements in Curtain-Poles; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

Prior to my invention the metallic ornamental balls or knobs at the ends of curtain poles have been removably secured thereto by means of screws attached to the balls or knobs. The hard wood of which the poles are usually made offers such a resistance to the entrance of the screws as to frequently loosen and wrench them from the balls or knobs to which they are attached.

The object of my invention is to overcome this difficulty and to that end it consists broadly of a screw-threaded shank with a rounded or blunt driving end and a pointed tapering driven end adapted for engagement with the end of the pole, the ornamental ball or knob being provided with a circular aperture or screw-threaded socket adapted for the removable reception of the screw-threaded shank attached to the pole.

I will now proceed to minutely describe the manner in which I have carried out my invention and then claim what I believe to be novel.

In the drawings, Figure 1 is a side view, partly in section, showing one form of my improved attachment; and Fig. 2 is a similar view of another form of my improved attachment.

Referring to the drawings, 1 is the pole constructed of wood and 2 is the hollow metallic ball or knob which may be of spherical form as shown or of any other ornamental configuration and intended for removable attachment to the pole.

3 is a screw-threaded shank having a blunt driving end 4 preferably rounded as shown. Its driven end 5 is pointed or tapering. This pointed end 5 is adapted to be driven cen-

trally into the end of the pole by the blows of a hammer upon the blunt or rounded end 4 of the screw-threaded shank 3. An annular flange or rib 6 shown in Fig. 1 limits the penetration of the pointed end 5 into the end of the pole or this flange may be entirely omitted as shown in Fig. 2.

The ball or knob 2, as shown in Fig. 1 is provided with an aperture 7 inside of which is soldered a screw-threaded metal nut or block 8 adapted for the reception of the screw-threaded shank 3 secured to the pole, an ornamental metallic shell or cover 9 being interposed between the pole and ball or knob and having a cup-shaped outer end for receiving the ball, which cup is provided with a central smooth hole for the passage of the fastener.

The nut or block 8 may be omitted as shown in Fig. 2, the orifice 10 in the ball or knob being screwed down upon the shank 3 to secure the ball or knob in position.

With my improved attachment as shown the screw-threaded shank 3 can be quickly and firmly secured to the end of the pole in the manner hereinbefore stated and the ball or knob 2 can be secured to or removed from the shank 3 without the least strain upon any of the parts thus entirely avoiding the breakage of parts incident to the form of attachment now in use.

I claim—

1. In a curtain pole fastening, the combination with a hollow ornament having a threaded aperture; of the fastener having a threaded shank at one end for engaging the aperture, the extremity within the ornament being rounding and smaller than the said aperture for the purpose set forth, and the other end outside the ornament being pointed, substantially as described.

2. In a curtain pole fastening, the combination with a hollow ornament having a threaded aperture, and a nut rigidly secured within the ornament with its threaded aperture and threads registering with those of said ornament; of the fastener having a threaded shank at one end for engaging the apertures in the ornament and nut, and its other end outside the ornament being pointed, substantially as described.

3. In a curtain pole fastening, the combination with the pole, and the fastener compris-

ing a pointed shank at one end driven into
said pole, an integral annular flange near the
center of said fastener standing against the
end of the pole, and a threaded shank at the
5 other end of the fastener; of a hollow orna-
ment having a threaded aperture removably
screwed on to said shank, as and for the pur-
pose set forth.

10 4. In a curtain pole fastening, the combina-
tion with the pole, a shell standing against
the end thereof and having a cup at its outer
end provided with a smooth hole at its center,
and a hollow ornament resting within the cup
and provided with a threaded aperture; of

the herein described fastener having a pointed 15
shank at one end driven into the pole and a
threaded shank at the other end passing
loosely through the hole in the shell and
screwed removably in the aperture in the or-
nament, as and for the purpose set forth. 20

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

CHARLES ZUCKMAIER.

Witnesses:

W. T. MILLER,

F. P. RUSTAN.