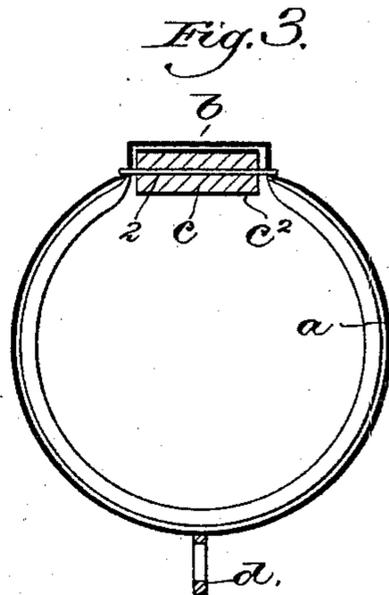
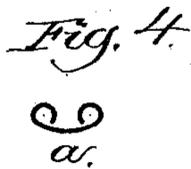
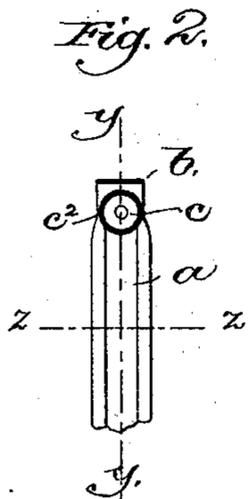
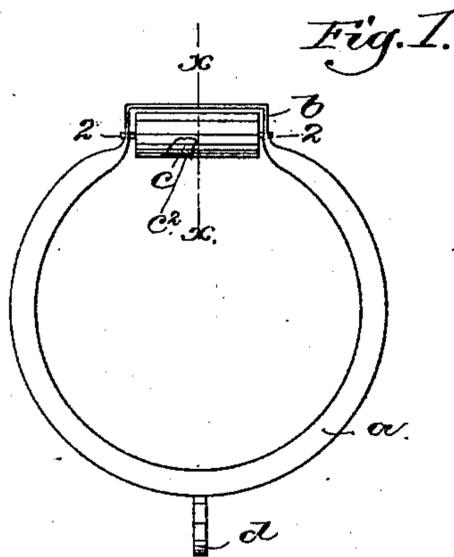


(No Model.)

J. W. LESLIE.  
CURTAIN RING OR HANGER.

No. 365,691.

Patented June 28, 1887.



*Witnesses.*

*Fred. S. Greenleaf*  
*W. M. Bone*

*Inventor.*

*J. William Leslie,*  
*by Crosby & Gregory*  
*attys.*

# UNITED STATES PATENT OFFICE.

J. WILLIAM LESLIE, OF EVERETT, ASSIGNOR OF ONE-HALF TO ISAAC WATTS,  
OF WAVERLY, AND J. C. WILLIS, OF BOSTON, MASSACHUSETTS.

## CURTAIN RING OR HANGER.

SPECIFICATION forming part of Letters Patent No. 365,691, dated June 28, 1887.

Application filed March 22, 1887. Serial No. 231,889. (No model.)

*To all whom it may concern:*

Be it known that I, J. WILLIAM LESLIE, of  
Everett, county of Middlesex, and State of  
Massachusetts, have invented an Improve-  
ment in Curtain Rings or Hangers, of which  
the following description, in connection with  
the accompanying drawings, is a specification,  
like letters on the drawings representing like  
parts.

This invention has for its object to construct  
a cheap and efficient curtain ring or hanger  
adapted to be moved freely upon a pole.

In accordance with this invention the ring  
is provided at its upper side with a roller-re-  
ceiving space or recess, in which is placed a  
roller which has its bearings directly in the  
ring. The roller-receiving recess is formed by  
bending the ring outward from or beyond the  
general circumference of the ring, the roller  
serving to complete the ring and support it as  
the ring is moved on the rod. The roller, for  
cheapness, may be made of wood or equivalent  
material having a metallic covering, while in  
the more expensive rings the roller may be  
made solid, and have, if desired, a concave  
bearing-surface to better fit the pole.

Figure 1 in elevation shows a curtain ring  
embodying this invention; Fig. 2, a vertical  
section in the line  $x$  of a portion of the ring  
shown in Fig. 1; Fig. 3, a section of Fig. 2 on  
the dotted line  $y y$ . Fig. 4 is a cross-section  
of the ring shown in Fig. 2, taken on the dot-  
ted line  $z z$ .

The ring  $a$ , as shown in Figs. 1 to 4, is made  
from a flat piece of metal having its side edges  
overturned, as best shown in cross-section, Fig.  
4, said ring being of sufficient diameter to slide  
freely upon the poles with which it is to be  
employed. The ring shown in Fig. 1 is bent  
outward from its general circumference at its  
upper side, as at  $b$ , to form a roller-receiving  
recess, in which is placed a roller,  $c$ , it so fit-  
ting the recess as to practically form a con-

tinuation of its interior. The roller  $c$  is pro-  
vided with journals 2 2, which pass through  
or enter the sides or ends of the outwardly-  
bent part  $b$  of the ring. The roller  $c$  is pref-  
erably composed of a core of wood (see Fig.  
3) mounted upon or secured to the shaft 2 and  
a tube or surrounding covering of metal,  $c^2$ , to  
inclose the core. The ring  $a$  has at its lower  
end a loop or eye,  $d$ , to which may be fastened  
the curtain to be suspended from the ring.

It will be understood from the foregoing that  
when the rings described are placed upon a  
pole with the rolls at the upper side of the  
pole the said rolls, riding on the pole, enable the  
rings carrying, it may be, a heavy curtain  
to roll or travel freely over the pole without  
friction, as would be the case were the rolls  
omitted.

I am aware that curtain-rings have been pro-  
vided with laterally-extended arms carrying  
wheels which bear upon the upper side of the  
curtain-pole, and such construction I do not  
herein claim.

I claim—

1. A curtain ring or hanger composed of the  
ring  $a$ , bent up to form a roller-receiving re-  
cess,  $b$ , and a roller arranged upon a pin in  
said recess, constructed of a non-metallic core,  
and a metallic covering for said core, substan-  
tially as described.

2. The ring  $a$ , of sheet metal, shaped in cross-  
section substantially as shown, and provided  
with the bent-up recess  $b$ , combined with a  
roller journaled in such recess, substantially  
as described.

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

J. WILLIAM LESLIE.

Witnesses:

BERNICE J. NOYES,  
F. L. EMERY.