

(No Model.)

H. E. SWIFT.
POLE OR CURTAIN RING.

No. 418,992.

Patented Jan. 7, 1890.

Fig. 1.

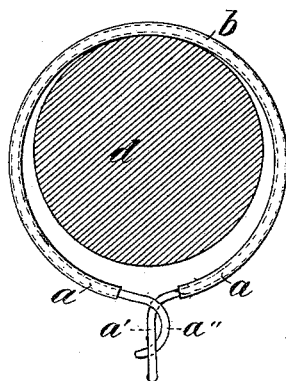


Fig. 2.

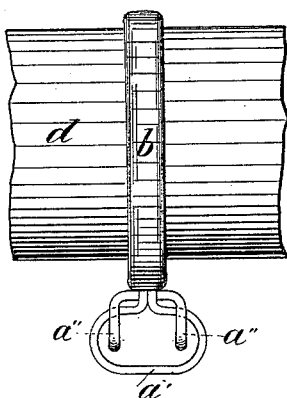


Fig. 3.

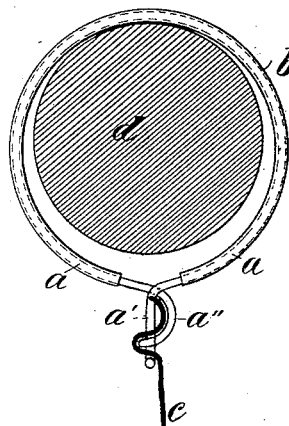


Fig. 4.

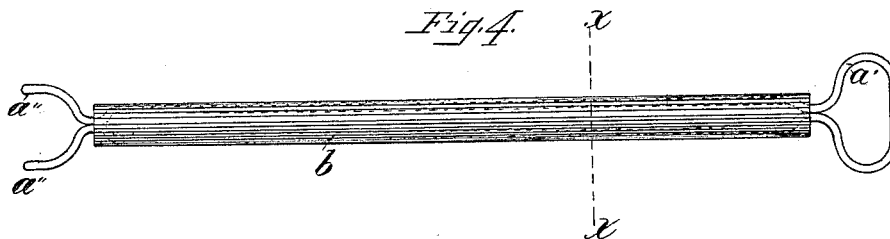


Fig. 5.



Witnesses:
Geo. W. White
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Inventor:
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by *William Andrew*
his atty.

UNITED STATES PATENT OFFICE.

HORACE E. SWIFT, OF BOSTON, MASSACHUSETTS.

POLE OR CURTAIN RING.

SPECIFICATION forming part of Letters Patent No. 418,992, dated January 7, 1890.

Application filed December 6, 1888. Serial No. 292,850. (No model.)

To all whom it may concern:

Be it known that I, HORACE E. SWIFT, a citizen of the United States, and a resident of Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Pole or Curtain Rings, of which the following, taken in connection with the accompanying drawings, is a specification.

This invention relates to improvements in pole or curtain rings, and it is carried out as follows, reference being had to the accompanying drawings, wherein—

Figure 1 represents an end elevation of the improved ring, and Fig. 2 represents a side elevation of it, showing it as suspended on a pole or curtain-rod and showing its expansive ends locked together ready for use. Fig. 3 represents a longitudinal section of the improved ring, showing it as attached to the upper edge of a curtain. Fig. 4 represents a plan view of the ring, shown as laid out straight before being curved; and Fig. 5 represents a cross-section on the line X X shown in Fig. 4.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

This invention has for its object to provide a novel curtain-pole ring, whereby the curtain can be suspended without perforating it by pins; and to such end the invention consists in the features of construction hereinafter described and claimed.

In the drawings I have represented the rings as composed of a core of spring-metal wire *a a*, inclosed by a metal cover *b*, also preferably made of spring metal. The wire *a a* extends beyond the ends of the cover *b*, and has in one end a loop or slotted eye or perforation *a'*, as shown, and in its other end a pair of hooks *a'' a''*, adapted to be locked to the loop or slotted perforation *a'* when the device is to be used, as shown in Figs. 1 and 2. The ring when finished is to be given the proper and desired expansive spring force, so as to automatically hold the expansive ends of it locked together, as shown in Figs. 1 and 2, thus leaving it always ready for use.

When it is desired to attach the curtain or cloth *c* to the ring, all that is necessary to do is to grasp the ring and compress it sufficiently to disengage the hooks *a'' a''* from the eye *a'*, after which the upper edge of the curtain is introduced between said parts, and by letting go the hold of the ring it will automatically expand and cause the curtain to be pinched and held by the hooks or prongs *a'' a''* and the eye or clasp *a'*, as shown in Fig. 3.

d represents a curtain pole or rod, on which the rings are located, as usual.

For the purpose of producing the pole-ring economically and conveniently, the core is composed of a single piece of wire doubled upon itself, with the main limbs or members *a a* running parallel and the ends of the wire bent laterally apart and formed into the two separated and curved or segmental-shaped hooks *a'' a''*, while the loop *a'* is formed where the wire is bent to double it upon itself. The hooks *a''* ride over the upper part of the loop *a'* and curve into the latter, so that the curtain will be pressed into the loop, and thus be held or gripped without perforating it, which is an advantage.

What I wish to secure by Letters Patent and claim is—

1. An expansible curtain-pole ring comprising the parallel wires *a a*, formed at one extremity into a loop *a'* and at the other extremity spread laterally apart and bent into two separated and curved hooks *a'' a''*, which ride over the upper side of the loop and curve into the latter to press the curtain into said loop, and thus hold without perforating the curtain, substantially as described.

2. An expansible curtain-pole ring comprising a wire doubled upon itself to form two parallel members *a a*, having at one extremity the loop *a'* and the other extremity the two separated curved hooks *a''*, which ride over the upper side of the loop to press the curtain thereinto, substantially as described.

3. An expansible curtain-pole ring consisting of a wire core having at one extremity a loop *a'* and at the other extremity two sepa-

rated curved hooks *a''*, and the metal casing *b*, composed of a single strip of metal folded around and inclosing the core between the loop and the two hooks, substantially as
5 described.

In testimony whereof I have signed my name to this specification, in the presence of

two subscribing witnesses, on this 1st day of November, A. D. 1888.

HORACE E. SWIFT.

Witnesses:

ALBAN ANDRÉN,

SELMA R. SCHELIN.