No. 817,477. PATENTED APR. 10, 1906.

N. A. FERRES.

CURTAIN FASTENER.

APPLICATION FILED APR. 4, 1905.

2 SHEETS—SHEET 1.

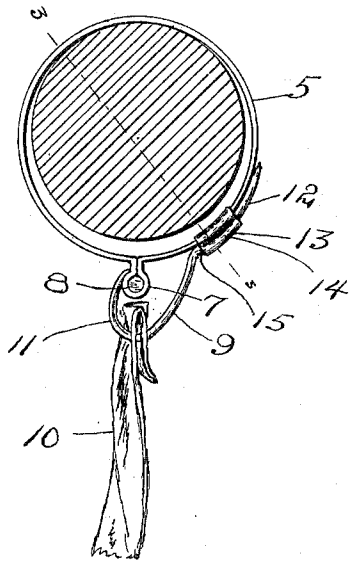


FIG. 1

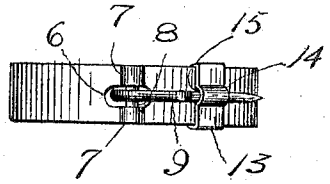


FIG. 2.

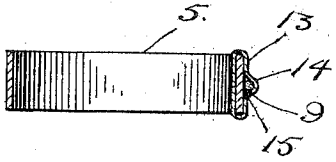


FIG. 3.

Witnesses

C. Simpson

E. M. Dolford

Inventor

Nana A. Ferres

By Thomas & Thomas

Attorneys

No. 817,477. PATENTED APR. 10, 1906.

N. A. FERRES.

CURTAIN FASTENER.

APPLICATION FILED APR. 4, 1905.

2 SHEETS—SHEET 2.

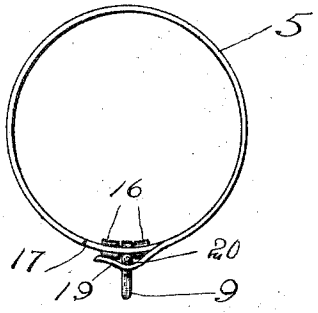


FIG. 4

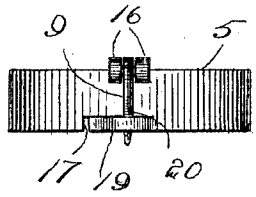


FIG. 5

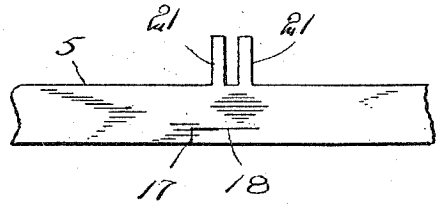


FIG. 6.

Witnesses

J. C. Simpson.

E. M. Crawford

Inventor

Nana A. Ferres

By Reynolds & Reynolds

Attorneys

UNITED STATES PATENT OFFICE.

NANA A. FERRES, OF JOHNSTOWN, NEW YORK.

CURTAIN-FASTENER.

No. 817,477. Specification of Letters Patent. Patented April 10, 1906.

Application filed April 4, 1905. Serial No. 253,884.

To all whom it may concern:

Be it known that I, NANA A. FERRES, a citizen of the United States, residing at Johnstown, in the county of Fulton, State of New York, have invented certain new and useful Improvements in Curtain-Fasteners; 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.

This invention relates to curtain-fasteners, and more particularly to those for fastening curtains to the supporting-pole, and has for its object to provide a fastener which will embody a ring for engagement of a supporting-pole and a pin for engagement in the fabric of a curtain.

Another object is to provide a device having the above features which will be extremely simple and which may be manufactured at a low figure.

Other objects and advantages will be apparent from the following descripion, and it will be understood that changes in the specific construction shown and described may be made and any suitable materials may be used without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is an elevation of the present invention, showing the pin in operative position with a curtain engaged therewith. Fig. 2 is a section on line 2 2 of Fig. 1, showing the pivot-pin in elevation. Fig. 3 is a section on line 3 3 of Fig. 1, taken through the retainer. Fig. 4 is an elevation of a modification. Fig. 5 is a view of a portion of the blank from which the second form of the invention is formed. Fig. 6 is a plan view showing a portion of the blank from which the modified form of the invention is formed.

Referring now to the drawings, the present invention comprises a ring 5, which is formed of a strip of metal having its ends secured together in any suitable manner. At one point the ring has a longitudinally-extending slot 6 formed therein, and the portions of the ring at the sides of this slot are bent outwardly, as shown, to form alining loops 7 for the reception of a pivot-pin 8, which is engaged therein at its ends.

A pin 9 for engagement of a curtain 10 is provided and has one end bent into the form of an eye, which lies between the loops 7 and is pivotally engaged with the pivot-pin 8. The pin 9 has a bow 11 therein adjacent to its eye, and beyond this bow the pin is curved to conform to the curvature of the ring 5, the pin lying normally with its bow extending away from the ring and with its curved portion, which is indicated at 12, lying against the ring.

A retainer 13 is provided, which is formed of a strip of metal having its end portions bent to overlap against the inner face of the ring, the central portion of the strip lying outwardly of the ring, and this central portion is bent to form an outwardly-projecting rib 14 and resultant passage 15, extending transversely of the retainer and longitudinally of the ring. The retainer is slidable upon the ring and is thus movable to bring its passage 15 into and out of position for engagement by the free end of the pin 9 to hold the latter against movement.

In Fig. 4 of the drawings there is shown a modification in which the pin 9 extends transversely of the ring. In this form the ring has formed thereon laterally-extending wings, which are bent to form spaced loops 16, between which the pin is pivoted, as in the first-described form. At the opposite edge of the ring from the loops 16 the metal of the ring is cut inwardly from the edge, as shown at 17, and then longitudinally, as shown at 18, the resultant tongue being bent into the form of a retaining-loop 19 for the reception of a laterally-turned portion 20 at the point of the pin.

In Fig. 5 there is shown an elevation of the blank from which the second form of the invention is made, the wings being indicated at 21.

What is claimed is—

1. The combination with a metallic ring having portions bent to form alining loops, of a pin having an eye at one end disposed with its eye between the loops, a pivot-pin engaged in the loops and in the eye for pivotal movement of the first-named pin with respect to the ring, and a retainer carried by the ring and arranged for the reception of the first-named pin to hold the latter against pivotal movement.

2. A device of the class described comprising a ring formed of metal and having a longitudinal slot therein, the metal on opposite sides of the slot being bent outwardly to form

loops, a pin having an eye at one end disposed with its eye between the loops, a pivot-pin engaged in the loops and in the eye for pivotal movement of the first-named pin with respect to the ring, and a retainer slidably engaged with the ring and having a portion bent to form a rib and resultant passage, said passage being arranged for the reception of the free end portion of the first-named pin, to hold the latter against movement.

In testimony whereof I affix my signature in presence of two witnesses.

NANA A. FERRES.

Witnesses:
EDWARD QUIGLEY,
ANSON GETMAN.