

(No Model.)

E. S. COGGINS.  
FOLDING SHADE HOLDER.

No. 577,286.

Patented Feb. 16, 1897.

Fig 1

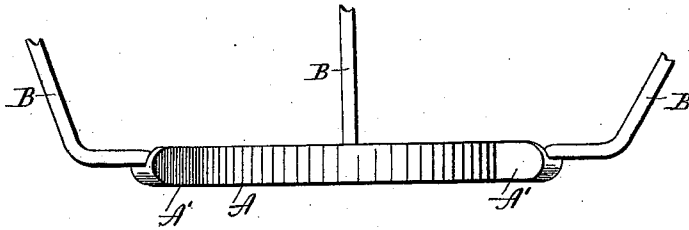


Fig 2

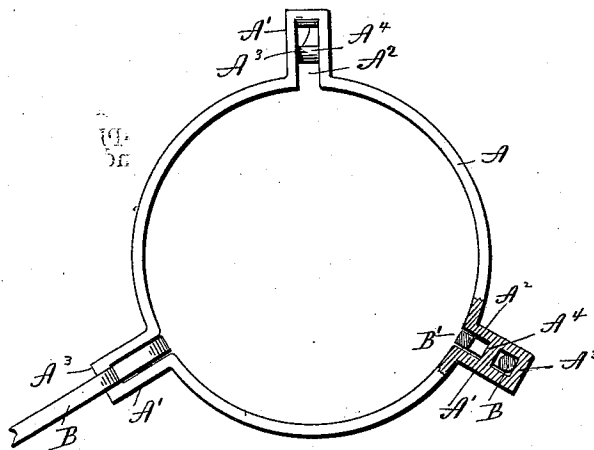
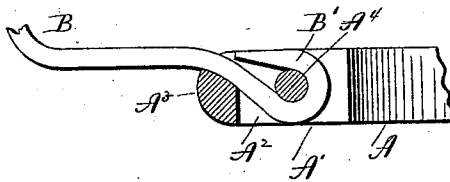


Fig 3



Witnesses.  
J. H. Sturtevant  
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Ernest S. Coggins.  
Inventor.  
By Atty. Earle Keyman

# UNITED STATES PATENT OFFICE.

EMORY S. COGGINS, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE  
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## FOLDING SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 577,286, dated February 16, 1897.

Application filed September 21, 1896. Serial No. 606,468. (No model.)

To all whom it may concern:

Be it known that I, EMORY S. COGGINS, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Folding Shade-Holders; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in side elevation of a folding shade-holder constructed in accordance with my invention, with the shade-holding arms shown in their open positions and having their outer ends broken away. Fig. 2 is a view of the holder, shown partly in plan and partly in horizontal section. Fig. 3 is an enlarged broken view showing how the shade-holding arms are supported in their open positions.

My invention relates to an improvement in folding shade-holders for lamps, the object being to produce at a low cost for manufacture a compact and effective holder, constructed with particular reference to durability, strength, and simplicity and to the presentation of a neat and finished appearance.

With these ends in view my invention consists in a folding shade-holder having certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claim.

In carrying out my invention I form a band A with three integral radial arms A' A' A' arranged at equal distances from each other. By preference the band and its arms are cast in one piece, though I do not limit myself to that construction, or to any particular construction, so long as the band and its arms are integral with each other. Each of the arms is formed with a longitudinal slot A<sup>2</sup> opening inward into the interior of the band and extending outward nearly to the end of the arm, which is closed by a cross-piece or web A<sup>3</sup>. Each of the arms is also provided with a transversely-arranged pivot A<sup>4</sup>, which extends between the two walls of its slot. These pivots may be cast integral with the arms or introduced thereinto. The shade-holding arms B are formed of wire and adapted at their outer ends, in the usual manner, (and therefore not shown,) to receive and sup-

port a shade. Each of the said arms B has its inner end bent to form a loop B', arranged in the plane of the arm and adapted to be inserted into the slot A<sup>2</sup> of one of the integral radial arms of the band and to receive the pivot A<sup>4</sup> of the said arm, as clearly shown in Fig. 3, the eyes of the arms being set downward into the open upper ends of the longitudinal slots of the arms of the band. In their open positions the shade-holding arms are supported upon the upper faces of the webs A<sup>3</sup>, joining the outer ends of the integral arms of the bands, as also shown in Fig. 3.

Here I wish to call attention to the fact that in my improved shade-holder the shade-holding arms are supported in their open positions by the bar i and do not have to rest upon the lamp-fount.

If desired, the number of shade-holding arms may be increased, in which event the number of slotted arms formed integral with the band will be correspondingly increased. I would therefore have it understood that I do not limit myself to the exact construction shown and described, but hold myself at liberty to make such changes as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a folding shade-holder for lamps, the combination with a band having a plurality of integral outwardly-projecting, slotted, radial arms, each of which has its outer end closed by a web, and each of which contains a transversely-arranged pivot; of pivotal shade-holding arms provided at their inner ends with eyes which are adapted to be set downward into the slots of the said arms of the band with which they are pivotally connected by means of the said pivots which pass through their eyes, and which are supported in their elevated open positions upon the upper forward edges of the webs closing the outer ends of the arms of the bands substantially as set forth.

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

EMORY S. COGGINS.

Witnesses:

W. A. HALL,  
W. R. BOOTH.