

(No Model.)

2 Sheets—Sheet 1.

F. ADAMS.
SHADE HOLDER.

No. 482,887.

Patented Sept. 20, 1892.

Fig. 1

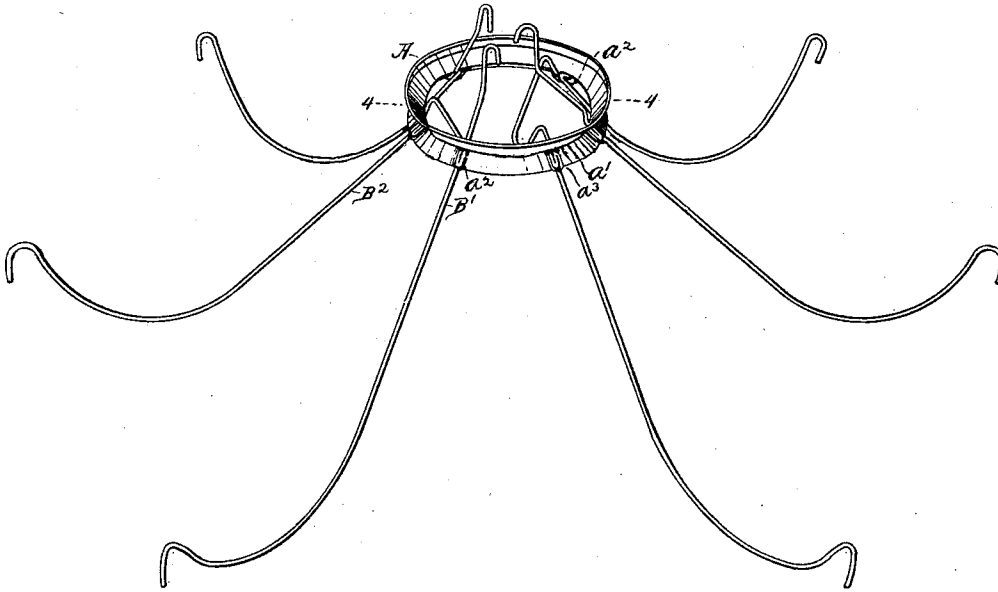
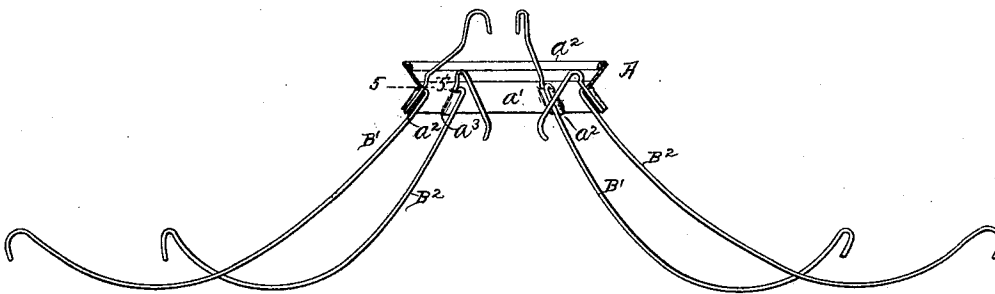


Fig. 2



Witnesses
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Inventor
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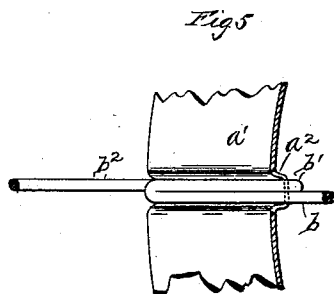
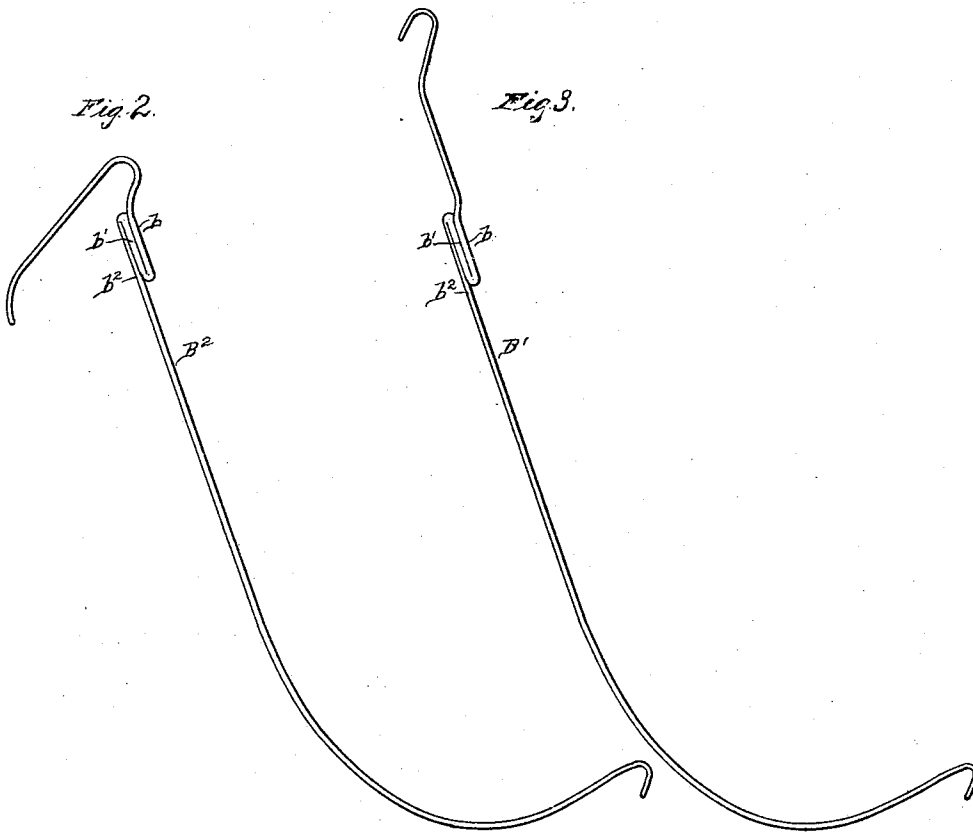
(No Model.)

2 Sheets—Sheet 2.

F. ADAMS.
SHADE HOLDER.

No. 482,887.

Patented Sept. 20, 1892.



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK ADAMS, OF ALLEGHENY, PENNSYLVANIA, ASSIGNOR TO THE
PITTSBURG BRASS COMPANY, OF SAME PLACE.

SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 482,887, dated September 20, 1892.

Application filed December 22, 1891. Serial No. 415,834. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK ADAMS, of Allegheny city, in the county of Allegheny and State of Pennsylvania, have invented a certain new and useful Improvement in Shade-Holders, of which the following is a specification.

My improvement relates to shade-holders of the kind which are commonly used in connection with lamps for supporting shades.

The object of the improvement is to provide a shade-holder of simple construction, which may be readily taken to pieces to facilitate packing and yet may have its parts quickly and effectively recombined for use.

I will describe a shade-holder embodying my improvement, and then point out the novel features in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a shade-holder embodying my improvement. Fig. 2 is a perspective view of one of its arms detached. Fig. 3 is a perspective view of another of its arms detached. Fig. 4 is a vertical section at the plane of the dotted line 4 4, Fig. 1. Fig. 5 is a horizontal section at the plane of the dotted line 5 5, Fig. 4.

Similar letters of reference designate corresponding parts in all the figures.

A designates a crown-like part. B' B² designate arms attached thereto. The crown-like part is ring-shaped, and, as shown, consists of two reversely-flaring portions a' a', meeting at their smallest diameters. These may be made separately of sheet metal and united by seaming or in any other suitable manner.

The lower portion a' of the part A is provided with a number of sockets a² a³, which are severally formed by bending down or depressing the metal on the under side, so that it will project below the general line of the under surface of its flaring portion a', and cutting an opening at the top of the socket so formed. The sockets a² a³ are precisely the same in construction, except that they are of different sizes. All the arms are shown as being made of bent wire. Each has an upper portion b, a portion b' bent upwardly parallel to and close beside the portion b, and a por-

tion b² bent downwardly parallel with, but a short distance from the portion b'. The portion b' and the contiguous part of the portion b of each arm forms a tongue, which may be slipped into one of the sockets a² a³. The tongues of the arms B' are narrower than those of the arms B² and are adapted to fit in the sockets a², while the tongues of the arms B² are constructed to fit in the sockets a³ of the part A. By this construction I provide against error in placing the arms when the holder is put together for use. The arms may be engaged and disengaged from their sockets in the part A by moving them longitudinally, so as to introduce their tongues into or remove them from the sockets.

The arms B' in the present instance extend upwardly and have hooks adapting them to engage with the upper edge of the chimney, so as to support the shade-holder thereon, while the arms B² have downwardly-extending upper ends for bearing against the outside of the chimney to maintain the shade-holder in proper relation thereto.

It will be seen that by my invention I provide a very simple and efficient shade-holder which may have its parts readily separated and connected.

It is not essential that the sockets should be formed integral with the part A.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a shade-holder, the combination of a ring-shaped part having an outwardly-flaring lower portion provided with sockets, which are extended away from said part and provided with openings at the top and arms having tongues formed therein for removably engaging in said sockets, the said sockets being alternately large and small, and the said tongues being made to correspond, substantially as specified.

2. In a shade-holder, the combination, with a ring-shaped part having an outwardly flaring lower portion provided with sockets, of arms having downwardly-extending tongues for removably engaging with said sockets, and portions extending above the sockets, substantially as specified.

3. In a shade-holder, the combination, with

a ring-shaped part having an outwardly flaring lower portion provided with sockets, of arms formed of wire having portions b b' b^2 , the portions b b' being close together a short
5 distance from the portion b^2 , forming tongues parallel with the portions b^2 for engaging with said sockets, substantially as specified.

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

FREDERICK ADAMS.

Witnesses:

H. RIDDELL,

A. C. LEHMAN.