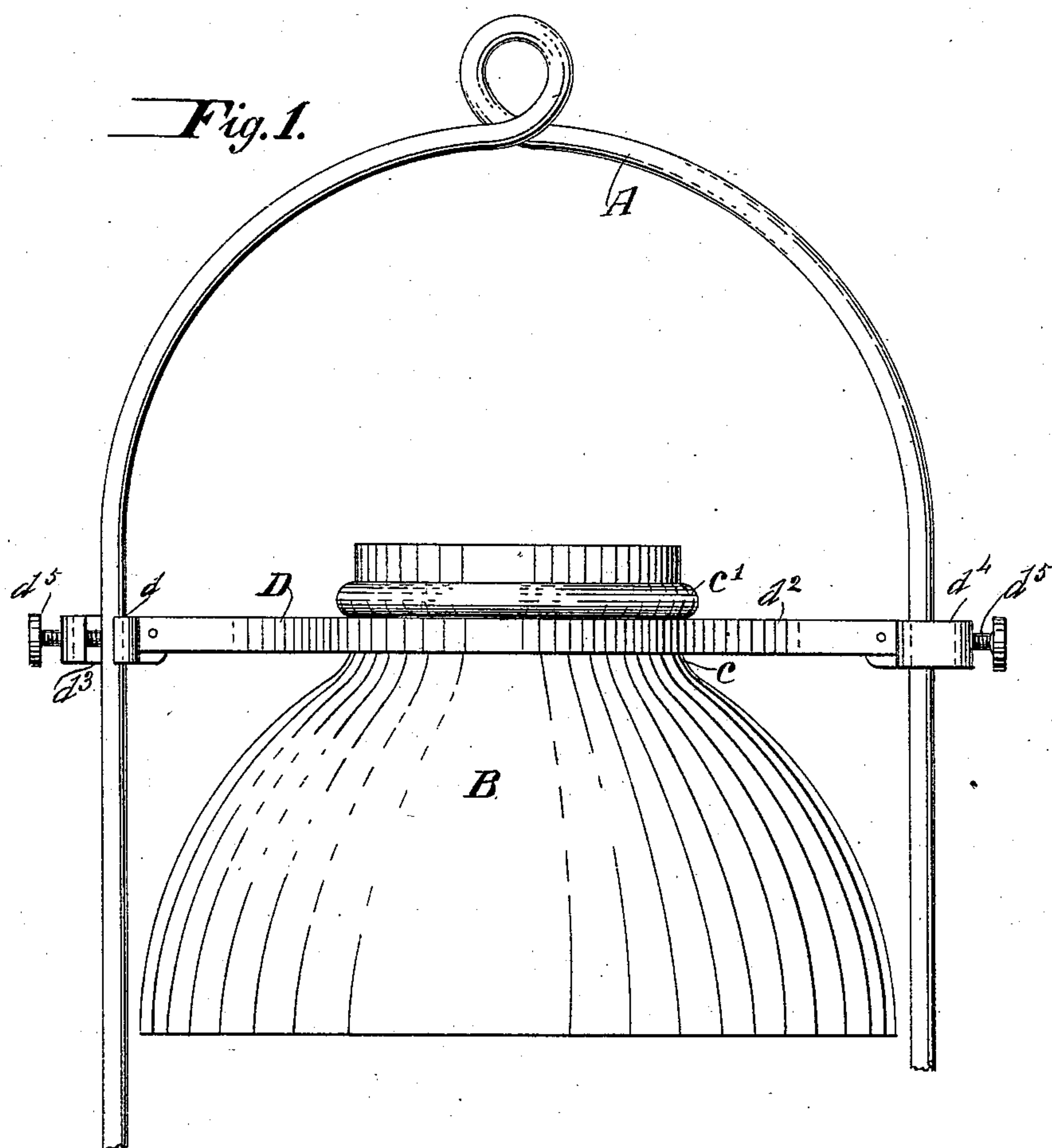
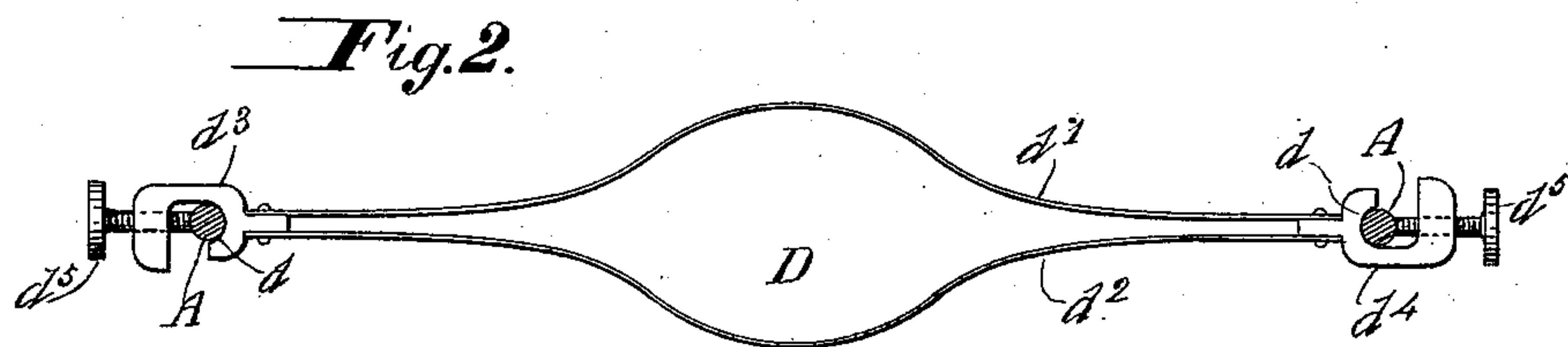


(No Model.)

E. BLACKMAN.
SHADE HOLDER.

No. 533,984.

Patented Feb. 12, 1895.



WITNESSES:
William W. Elff
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UNITED STATES PATENT OFFICE.

EBENEZER BLACKMAN, OF BROOKLYN, NEW YORK.

SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 533,984, dated February 12, 1895.

Application filed June 23, 1893. Serial No. 478,554. (No model.)

To all whom it may concern:

Be it known that I, EBENEZER BLACKMAN, of Brooklyn, Kings county, and State of New York, have invented a certain new and useful Improvement in Shade-Holders, of which the following is a specification.

My improvement relates to shade holders for sustaining shades such as are used with gas and lamp fixtures. It is particularly adapted to the style of fixture known as a harp.

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 side view of a part of a lamp fixture and a shade-holder embodying my improvement fitted thereto and supporting the shade. Fig. 2 is a horizontal section of the fixture and a top view of the shade holder.

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

A designates a lamp fixture of the kind generally termed a harp. As shown, it has two parallel side portions, an arched upper portion and an eye, whereby it may be suspended.

B designates a shade which may be of any desired form and material. Quite commonly, such shades are made of glass and with a neck *c* surrounded by a horizontal bead *c'*.

D designates a shade holder which consists of two resilient or flexible strips *d'*, *d''*, preferably made of metal, bowed outwardly from each other at the center and extended in substantially parallel lines at the end portions.

The ends of these strips are provided with hook-shaped clamps *d'''*, *d''''*, which, in the present instance, are made of separate pieces of metal and provided with tongues which are extended between the ends of the strips *d'*, *d''* and are united therewith by rivets or equivalent devices passing transversely through them. The hook-shaped clamps, preferably have their openings on opposite sides, as may be clearly understood by reference to Fig. 2.

Inward of the opening in each is a seat or bearing *d* which is adapted to receive within it one of the parallel side pieces of the harp A. Opposite these seats or bearings the hook-shaped clamps are provided with clamping screws, *d⁵*, which engage with tapped holes in the clamps and are adapted to impinge

against the outer surfaces of the parallel side pieces comprised in the harp A.

My shade holder is very simple and inexpensive. It may be slipped over the upper portion of a shade past the bead *c'* by springing the metal portions of its strips *d'*, *d''* outwardly. The resilience of these strips will cause them to embrace the shade when free to do so.

The shade holder may be readily engaged with the harp by manipulating the clamping screws, so as to move them outwardly and then swinging the shade holder, so that the openings of its clamps will pass around the parallel side portions of the harp. Afterward the clamping screws are manipulated to engage with the harp. A reverse operation suffices for disengaging the shade holder from the harp.

A very important advantage arises from the facility afforded by my improvement for adjusting a shade holder and shade vertically to produce reflection at the most desirable part for different sizes of lamps, and different uses. It is for this reason that the fixture or harp has straight parallel side portions.

I do not wish to be confined to the use of screws for clamping the shade holder in place.

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

1. A shade holder comprising two flexible metal strips bowed outward at the center and having substantially parallel end portions, the hook shaped clamps provided with tongues extended between the ends of the strips and secured thereto, and the clamping screws, substantially as specified.

2. A shade holder comprising resilient or flexible strips bowed at the center to receive a shade and having at the ends hooks shaped clamps, the said clamps having lateral outward openings, the opening of one clamp being on the opposite side to that of the other, substantially as specified.

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

EBENEZER BLACKMAN.

Witnesses:

GEORGE W. WOODWARD,
WILLIAM A. POLLOCK.