

(No Model.)

E. H. GÖTHBERG.

LAMP SHADE HOLDER.

No. 254,636.

Patented Mar. 7, 1882.

Fig. 1.

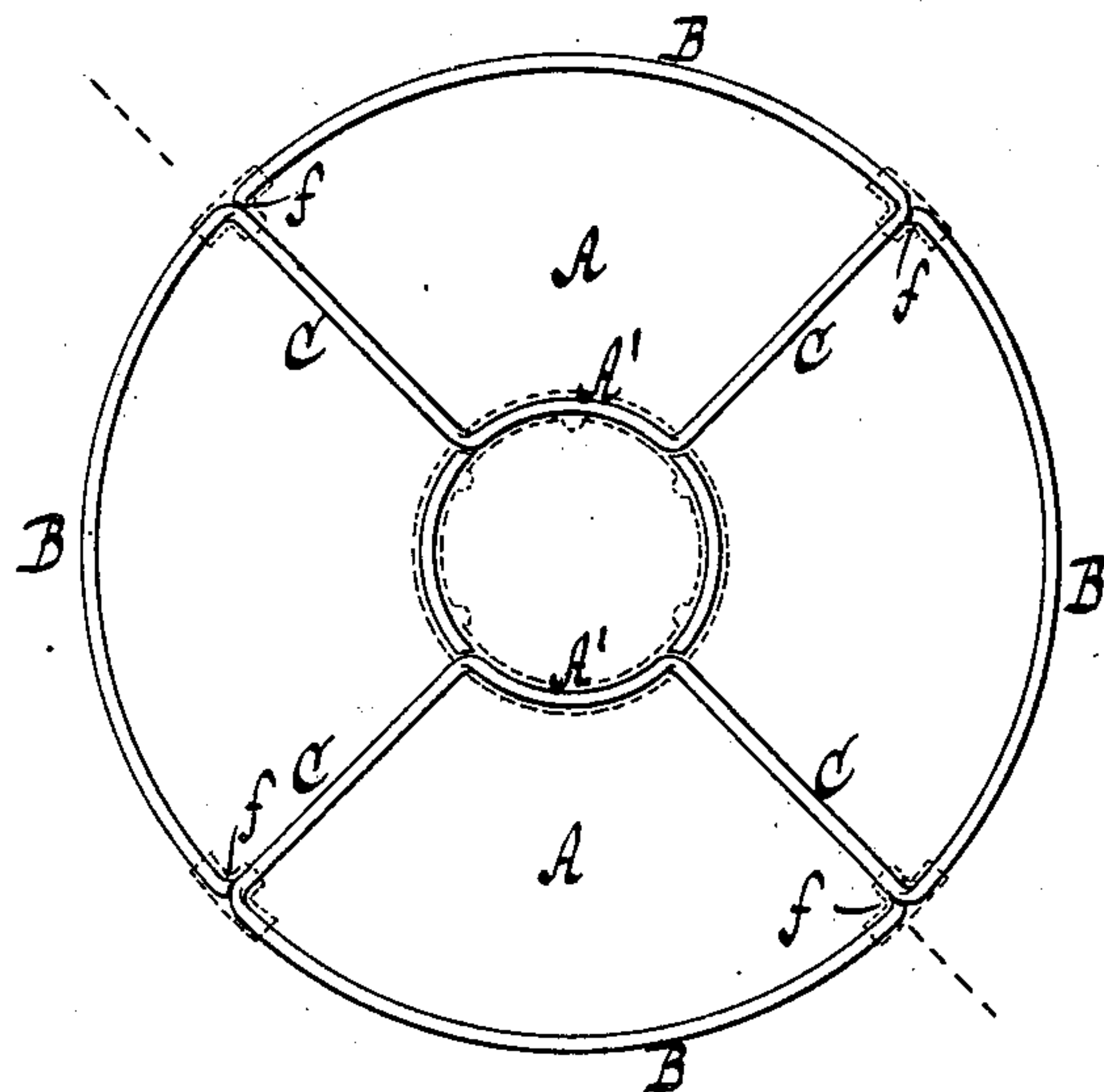


Fig. 2.

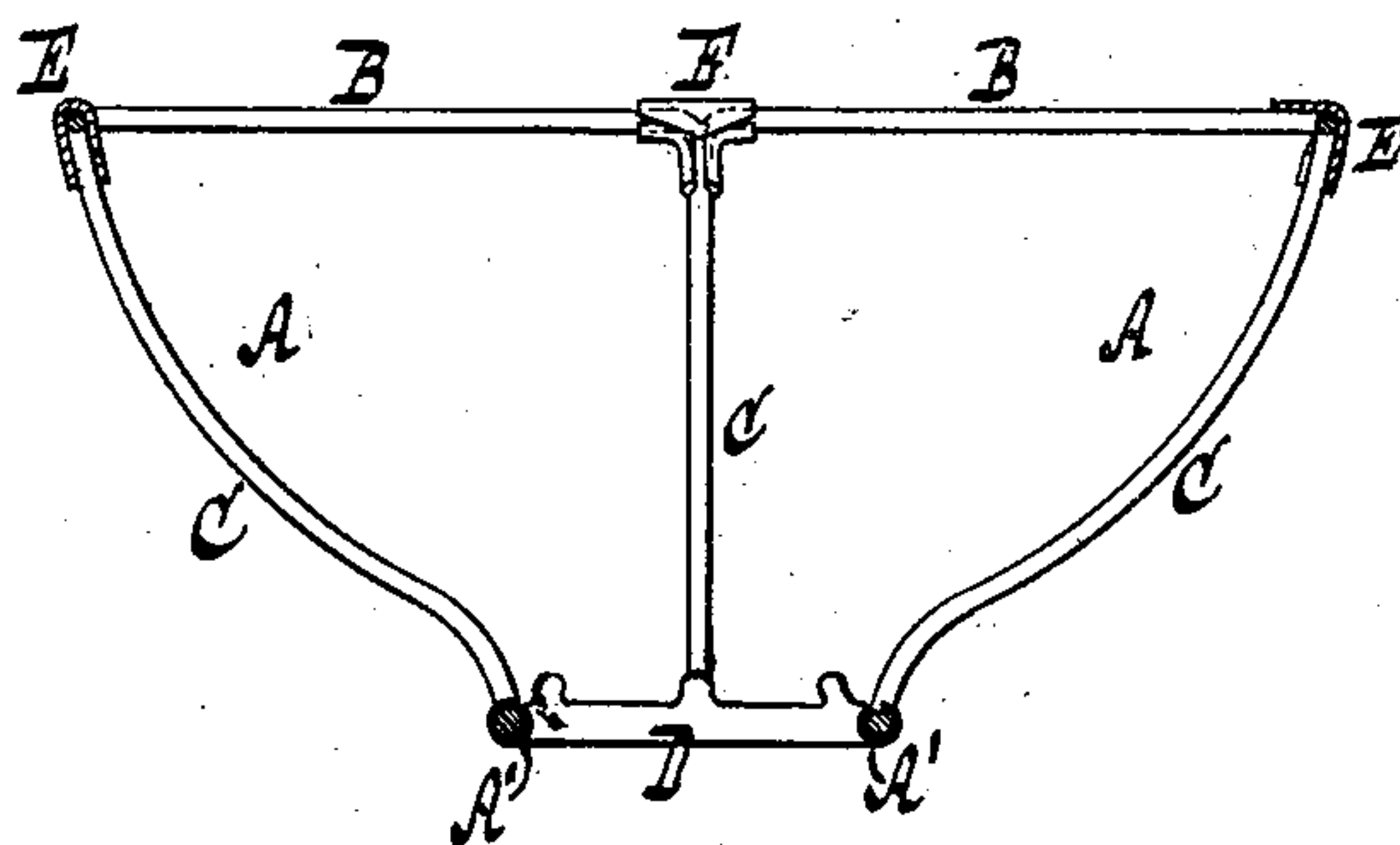


Fig. 3.



Witnesses  
Otto Stupland  
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# UNITED STATES PATENT OFFICE.

EDWING H. GÖTHBERG, OF GREENVILLE, NEW JERSEY.

## LAMP-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 254,636, dated March 7, 1882.

Application filed November 8, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, EDWING H. GÖTHBERG, a citizen of the United States, residing at Greenville, in the county of Hudson and State of New Jersey, have invented new and useful Improvements in Lamp Shade Holders, of which the following is a specification.

This invention relates to the construction of holders for lamp-shades, and especially that class of holders composed of an upper ring receiving the shade, a lower ring for attaching the article to the lamp or gas bracket, and arms connecting the rings together, the top ring and connecting-arms being formed of wire.

Prior to my invention separate pieces of material have been used for the several parts, involving considerable labor in their union and tending to weaken the article; and the object of my invention is to lessen the number of pieces required, thus saving labor and imparting to the article superior strength.

To this end it consists in a shade-holder having its top or shade-receiving ring and connecting-arms composed of two or more compound wire sections united by T-couplings, each section being bent to comprise a portion or segment of the top ring and one or more of the connecting-arms, as hereinafter more fully set forth.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a plan or top view, omitting the lower ring and couplings. Fig. 2 is a vertical cross-section. Fig. 3 shows one of the couplings in detail.

Similar letters indicate corresponding parts.

The letter A designates the compound wire sections forming the top ring, B, and connecting-arms C. Letter D indicates the lower ring, and E the coupling. In this example I have shown two wire sections, each comprising one-half of the top ring, B, and two connecting-arms, C; but I can also use four sections, one to each arm and quarter of the top ring. Suitable

bending-dies may be used for bringing the wire sections to the required shape. The lower ring, D, is made of sheet metal, as heretofore, but embraces the base portions, A', of the wire sections, the space not thus occupied being preferably filled up with pieces of wire properly bent, as indicated in Fig. 1.

The couplings E are composed of sheet-metal blanks, shaped as in Fig. 3, and when finished form T-shaped tubes, the cross-head of which receives the ring portions of the wire sections, and the shank the arm portions thereof. The ends of the wire sections A are bent to form hooks f, Fig. 1, which are caught by the T-couplings, and produce the required joints without the use of solder; but the joints may also be soldered, if desired.

It will be seen that by this construction the labor involved in the manufacture of my shade-holder is reduced to a minimum comparatively, reducing the cost thereof, while the strength of the article is at the same time increased.

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

1. A shade-holder having the top or shade-receiving ring and the connecting-arms formed of the compound bent-wire sections, in combination with the T-couplings and lower or attaching ring, for the purpose specified.

2. The combination, in a shade-holder, of the shade-receiving ring, the connecting-arms formed of the compound bent-wire sections, the lower attaching-ring, the T-couplings, and the hooks f, or the bent-wire sections, to form a firm connection with the T-couplings.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

EDWING H. GÖTHBERG. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.