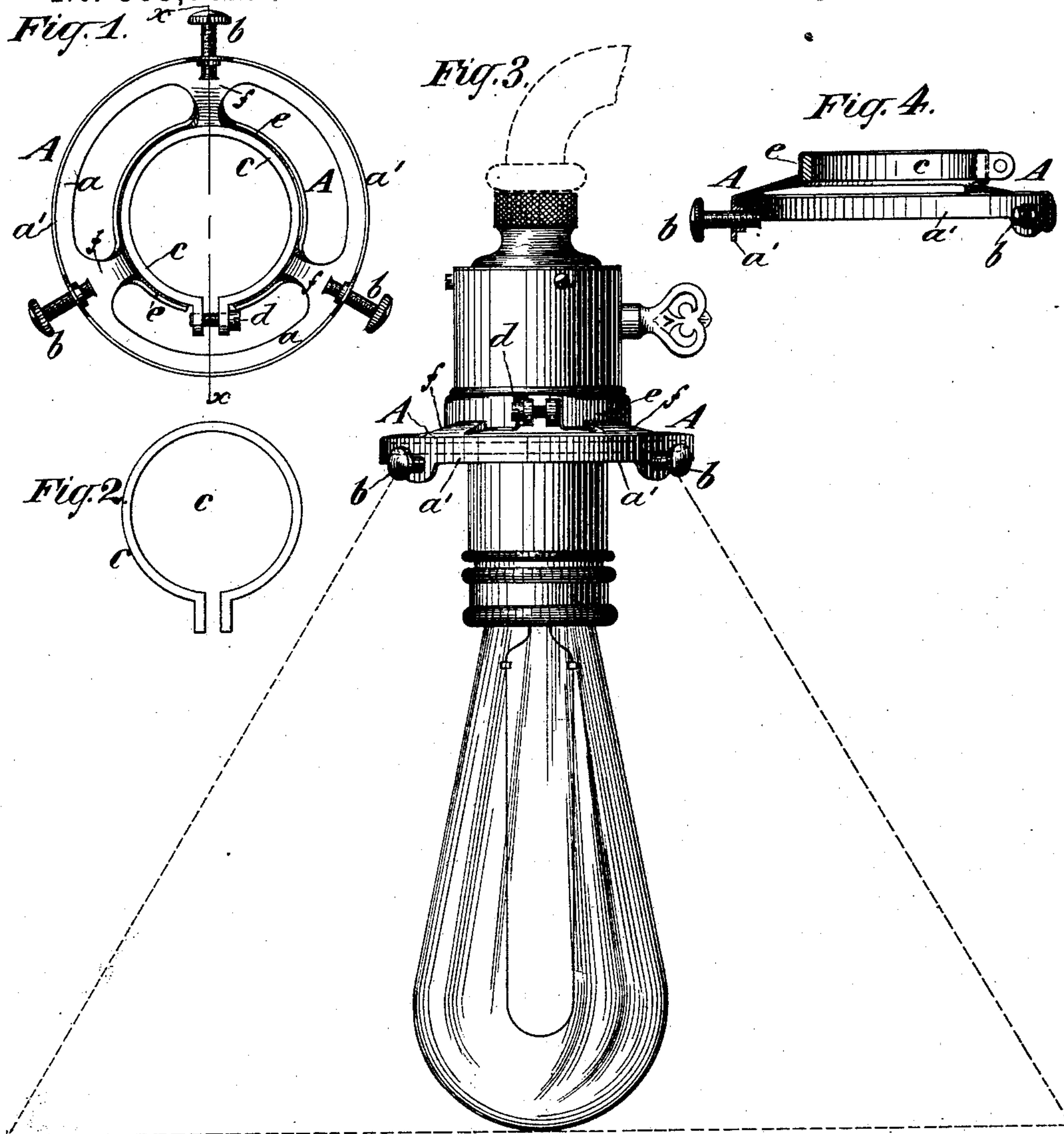


(No Model.)

S. B. H. VANCE.
SHADE AND GLOBE HOLDER.

No. 363,702.

Patented May 24, 1887.



WITNESSES

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SAMUEL B. H. VANCE, OF NEW YORK, N. Y.

SHADE OR GLOBE HOLDER.

SPECIFICATION forming part of Letters Patent No. 363,702, dated May 24, 1887.

Application filed November 24, 1886. Serial No. 219,845. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL B. H. VANCE, of New York city, county and State of New York, have invented certain new and useful
5 Improvements in Shade or Globe Holders for Lamps and Lighting Fixtures, of which the following is a specification.

My invention is more especially designed for use with incandescent electric lamps, but
10 is not necessarily confined thereto; and it relates to that class of holders which consist of a flanged ring into which the neck of the shade fits, and which is provided with three or more set-screws or projections which en-
15 gage the lip of the shade-neck, while the center of the ring is made with a cleft clasp-collar to embrace the lamp-holder. Usually this class of shade-rings have been made en-
20 tirely of cast metal, which necessitates the turning of the inside of the clasp-collar in a lathe and the subsequent slitting thereof. My invention aims to construct such shade-rings more cheaply and simply, to obviate the
25 lathe turning, and yet make a light, strong, and ornamental shade ring. To this end I stamp the shade-ring from sheet metal, and I then solder or otherwise secure to the center thereof a cleft curved strengthening-spring
30 to form the clasp-collar; and my invention consists, mainly, in the features here outlined, as hereinafter fully set forth.

Figure 1 of the annexed drawings is an inner plan view of my improved shade-holder in its completed form. Fig. 2 illustrates the
35 strengthening-spring or clasp-collar detached from the sheet-metal portion of the holder. Fig. 3 represents my improved shade-holder attached to an incandescent electric-light fixture, the reflecting-shade being represented in dotted outline. Fig. 4 is a section
40 on line *xx* of Fig. 1.

Referring to the drawings, A represents my improved shade-holder, which is of the usual design, having a marginal rim, *a*, with an up-
45 turned flange, *a'*, for the reception of the neck of the globe or shade, which is held thereon in the usual manner by set screws *b*, passing through ears on the flange *a'*.

e is the neck-band of the holder adapted to
50 encircle the neck of the lamp or fixture to which the holder is to be applied, said neck-

band being connected with the marginal rim by short radial arms or spokes *f*, as usual.

According to my improvement I stamp the holder, as shown, out of sheet metal the parts
55 *a a' f e* being all stamped in one piece, the neck-band *e* having a recessed flanged form, as seen in Fig. 4, and being slit at one side between two of the spokes *f*, as seen in Figs. 1 and 3. This construction is very cheap,
60 light, and ornamental; but obviously would not provide sufficient strength and elasticity at the divided neck-band to permit the direct use of a clamping-screw therein. I therefore provide the necessary strength and elasticity
65 by means of a circular spring, *c*, of solid brass or other metal, preferably of rectangular wrought or drawn brass, which is bent up into shape and soldered in the flanged recess of the stamped neck-band *e*, as well shown in Figs. 7c
70 1 and 4. The ends of this spring-ring *c* are bent outward and parallel, and lie in the cleft in the stamped neck-band *e*, and are perforated and tapped to receive the clamp-screw *d*, whereby the spring and neck-band may be
75 contracted or expanded slightly to adapt the same to the lamp or fixture, and to clamp the same thereon with any desired degree of tension; hence, as by this construction the main
80 body of the holder is stamped out of sheet metal, it requires no finishing and turning, as is the case with cast holders, and is therefore cheaper as well as more light and orna-
85 mental, whereas the inserted spring in the neck band gives all necessary strength and elasticity to a superior degree even than the casting, and does not require turning and slit-
90 ting by machine work, as is the case with the cast article, so that my improved holder is thus more economical to manufacture, and is
95 yet stronger, lighter, and more elastic and presents a better external finish or appearance.

I have described the strengthening-spring *c* as being secured to the neck-band *e* by means of solder; but it will be understood that it may
be fixed thereto in any other suitable manner
without departing from my invention.

What I claim is—

1. In a globe or shade-holder, the combination of a holding-ring stamped out of sheet
100 metal, with a spring clasp sleeve or collar made separately and fixed in the clasp-neck

or center of said sheet-metal ring, substantially as herein shown and described.

2. The combination, with a sheet-metal shade-holding ring having an attaching neck or socket at the center, of a spring clasp-
5 ring or collar formed separately of wrought metal and secured in said center, substantially as set forth.

3. A globe or shade-holding ring formed of
10 sheet metal, with an attaching neck or socket at the center, and a spring clasp-collar made

separately and soldered to the said neck, substantially as shown and described.

4. The improved shade or globe holder formed of the flanged rim *a a'*, neck-band *e*, con-
necting-arms *f*, and cleft spring clasp-collar *c*, substantially as shown and described. 15

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Witnesses:

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