

(No Model.)

E. O. STEELE.

SUPPORTER OR HOLDER FOR SHADES OR GLOBES.

No. 561,174.

Patented June 2, 1896

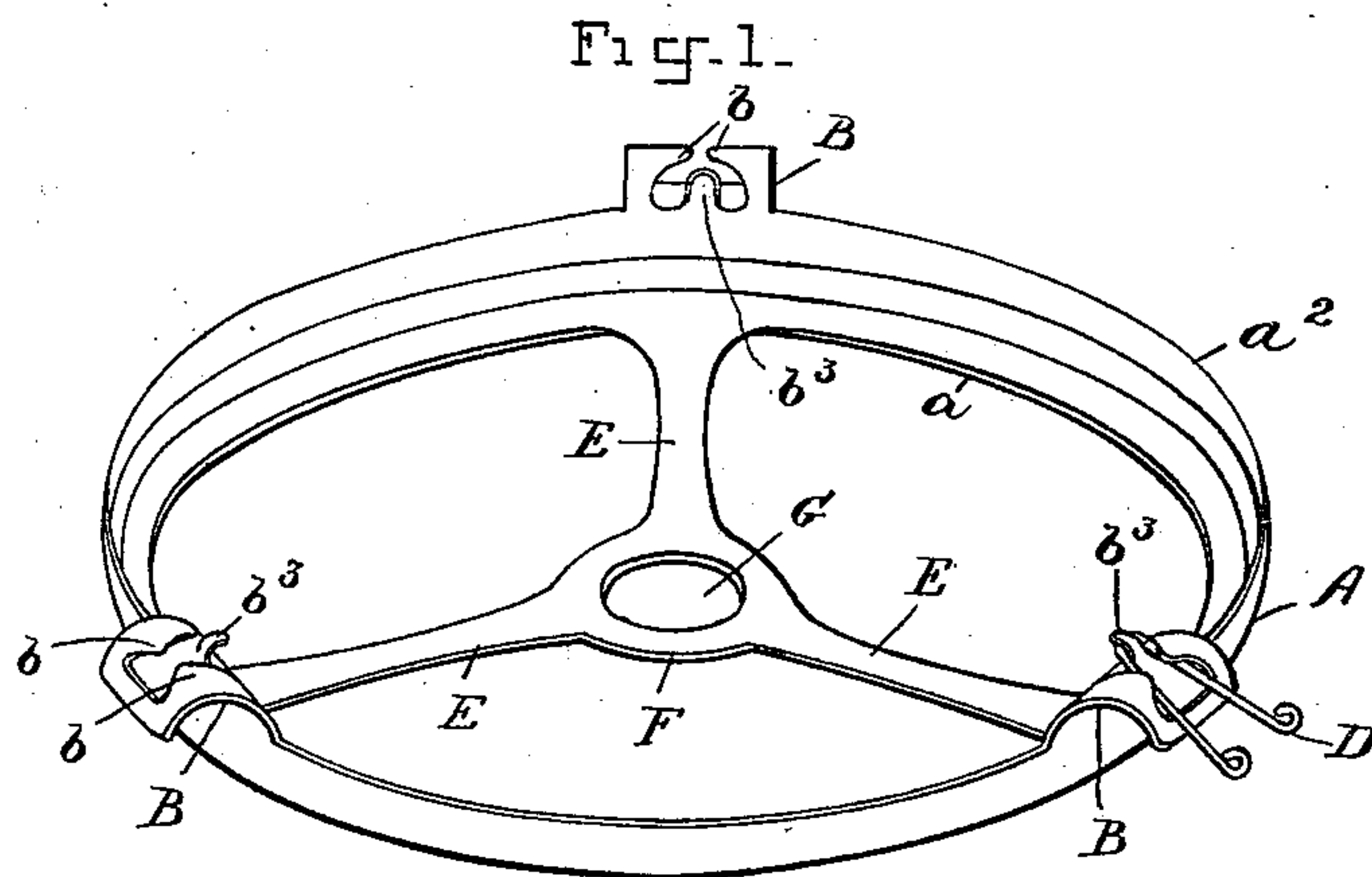


Fig. 2.

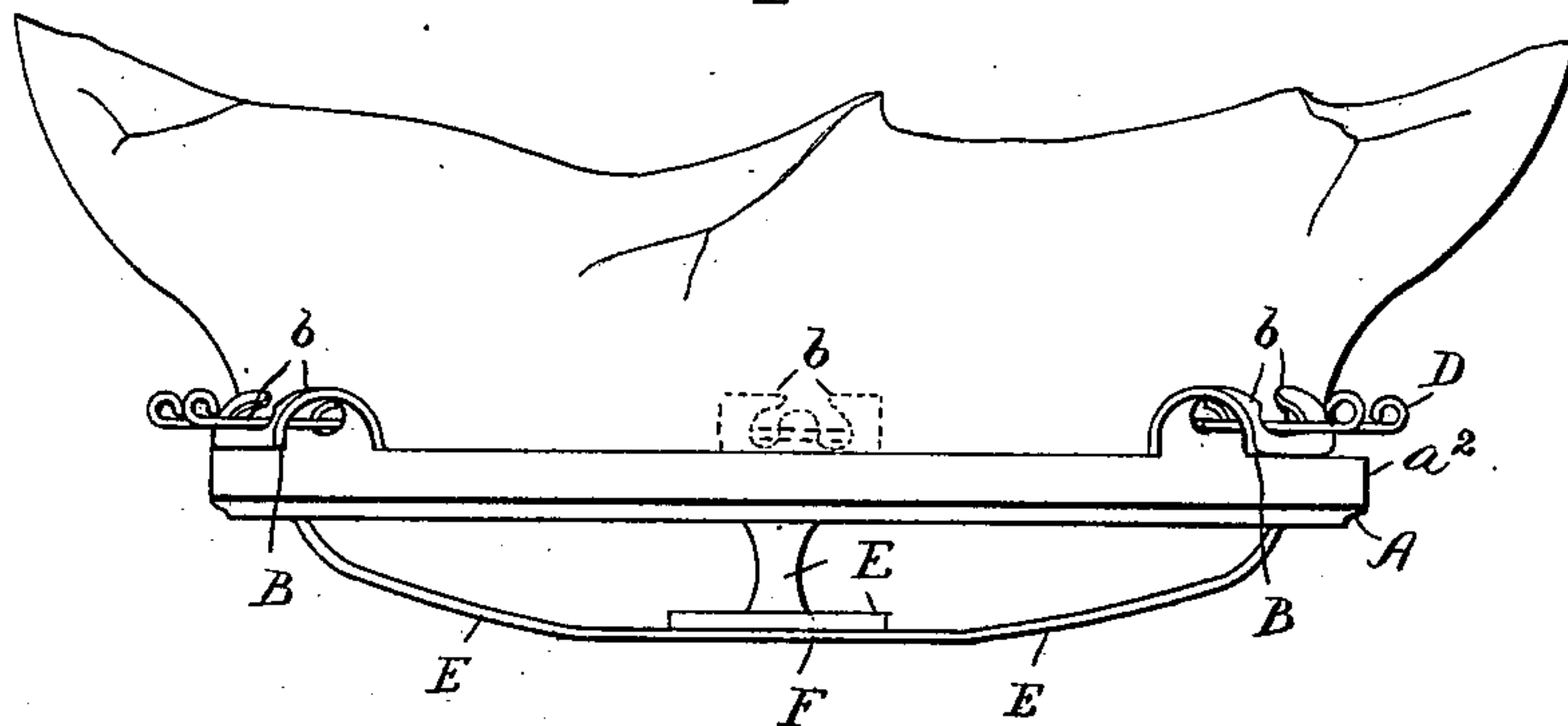


Fig. 3.

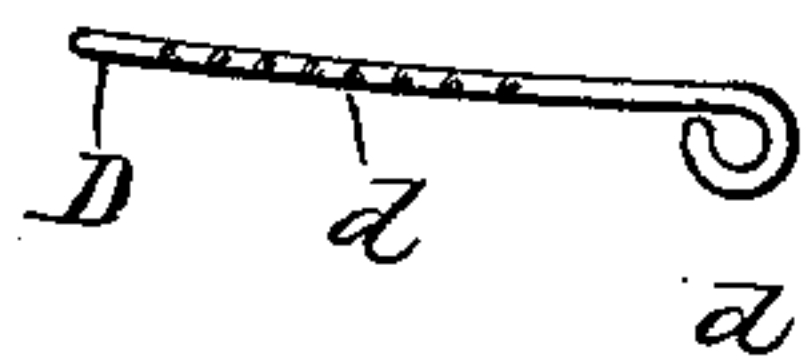


Fig. 4

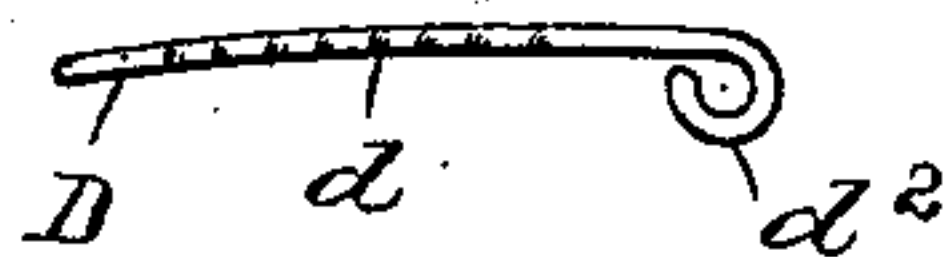


Fig-5-

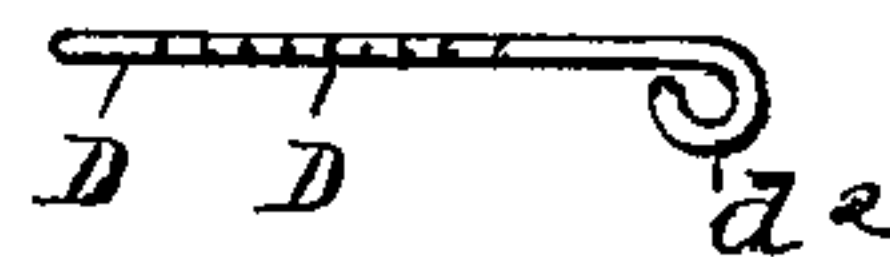


Fig. 6.

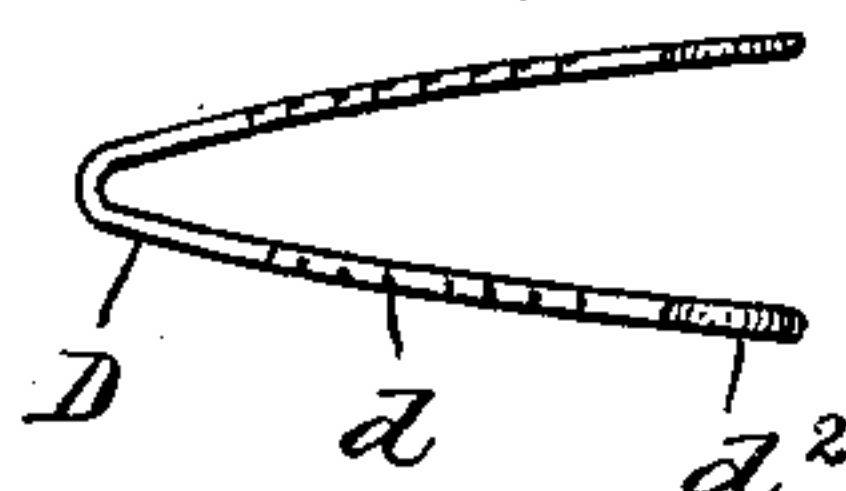
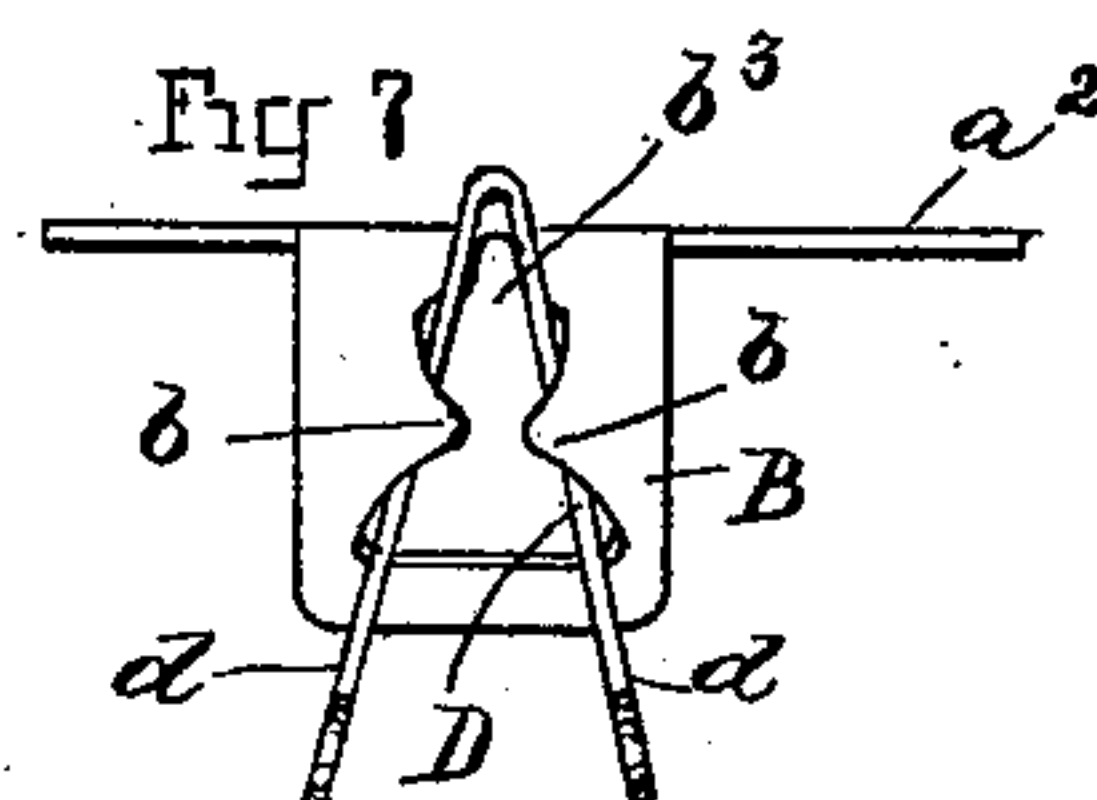


Fig 7



WITNESSES:

B. E. Whitney:
C. East.

INVENTOR

INVENTOR
Elbert O. Steele
BY
Edgar Tate
ATTORNEYS

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ELBERT OGDEN STEELE, OF NEW YORK, N. Y.

SUPPORTER OR HOLDER FOR SHADES OR GLOBES.

SPECIFICATION forming part of Letters Patent No. 561,174, dated June 2, 1896.

Application filed January 30, 1896. Serial No. 577,352. (No model.)

To all whom it may concern:

Be it known that I, ELBERT OGDEN STEELE, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Supports or Holders for Shades or Globes, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to shade or globe supports for gas and other burners, and the object thereof is to provide an improved device of this class by means of which the shade or globe may be held in place upon its support without the aid of the set-screws and similar devices heretofore employed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a perspective view of my improved shade or globe support; Fig. 2, a side view showing a portion of a globe in position thereon; Fig. 3, a side view of a spring-clamp which I employ; Figs. 4 and 5, similar views of modified forms thereof; Fig. 6, a bottom plan view of said clamp, and Fig. 7 a plan view of a detail of a modification.

In the practice of my invention I provide a circular base-ring A, which is provided at its bottom with an upwardly-directed annular flange or rim a , which is adapted to serve as a support for the bottom of the shade or globe, and which is also provided with an upwardly-directed flange or rim a^2 , which is adapted to surround or inclose the bottom of said globe or shade.

Formed on the upper portion of the upwardly-directed annular flange or rim a^2 , and at regular intervals thereon, are upwardly, outwardly, and downwardly curved ears B, three of which are preferably employed, and the central portion of each of these ears is cut out, as shown in Figs. 1 and 2, and the sides of the central cut-away portion are provided with inwardly-directed projections b .

Formed integrally with the annular flange or rim a^2 are inwardly-directed hooks or fingers b^3 , which are located in the opening formed in the ears, and I also provide spring-

clamps D, which are yoke-shaped in form and preferably composed of spring-wire, and the sides of these yoke-shaped clamps are outwardly inclined, as shown in Fig. 6, and formed on the sides and bottoms thereof are notches or recesses d , and the outer ends of each side are also provided with handles composed of rings or loops d^2 , which are formed by bending said ends downwardly and inwardly. The base ring or support A is also provided with radial inwardly-directed arms E, which connect with a central circular head F, which is provided with a central circular opening G, which is adapted to be placed over or mounted upon the gas-fixture in the usual manner, and the operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings.

In connecting the shade or globe with my improved support or holder the base thereof is placed within the annular flange or rim a^2 and rests upon the annular flange or rim a , and these shades or globes are provided with outwardly-directed annular beads or rims at the bottom thereof in the usual manner. One of the spring-clamps D is then inserted through the cut-away portion of each of the ears B, as shown in Figs. 1 and 2, and beneath the inwardly-directed projections b , and when in this position the separate sides thereof are shoved forward, so that the inner end will press upon the base of the shade or globe above the bottom rim or bead thereon and securely hold the same in place. It will be understood that the notches or recesses operate in connection with the sides of the ears B to hold the clamps in place, and the forwardly-directed hooks or fingers b^3 prevent the entire withdrawal of said clamps. The spring action of the sides of the yokes or clamps D is such as to cause the notches or recesses formed therein to operate in connection with the sides of the ears B, so as to securely hold said yokes or clamps in any desired position, and whenever it is necessary to move them in either direction the sides thereof must be pressed together, as will be readily understood. This device forms a perfectly secure and safe holder for the globe or shade and the breaking of the latter by the

operation thereof, which frequently occurs when set-screws and similar devices are employed, is avoided.

Although I have shown and described my improved shade or globe support as applicable to gas-burners, it is evident that the same may be applied to lamps and similar illuminating devices by simply decreasing the size or diameter of the base-ring and increasing that of the central head F so that it will fit over the base of an ordinary burner.

In Fig. 7 I have shown a plan view of the ear B, in which the central opening therein is wider at the outer than at the inner end, and by this arrangement I provide four bearing-points for the sides of the neck or clamp D, two for each side, and by means of this construction said yoke or clamp is more securely held in position.

It is evident that changes in the form and arrangement of the various parts of my improved shade or globe may be made without departing from the spirit of my invention or sacrificing its advantages, and I reserve the right to make all such alterations therein and modifications thereof as fairly come within the scope of the invention.

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

1. The herein-described shade or globe holder, which consists of the usual base-ring having an upwardly-directed annular flange or rim, and an inwardly-directed flange or rim at the bottom thereof, said upwardly-directed annular flange or rim being provided with outwardly-curved ears, the central portions of which are cut away, and the sides thereof, being provided with inwardly-directed projections, and said upwardly-directed annular flange or rim being also provided

with inwardly-directed hooks or fingers which are located in the cut-away portion of said ears, and spring yokes or clamps which are adapted to be inserted through the opening formed by cutting away the central portion of said ears and which operate in connection with the sides thereof, to hold the globe or shade in place, substantially as shown and described.

2. The herein-described shade or globe holder, which consists of the usual base-ring having an upwardly-directed annular flange or rim, and an inwardly-directed flange or rim at the bottom thereof, said upwardly-directed annular flange or rim being provided with outwardly-curved ears, the central portions of which are cut away, and the sides thereof, being provided with inwardly-directed projections and said upwardly-directed annular flange or rim being also provided with inwardly-directed hooks or fingers which are located in the cut-away portion of said ears and spring yokes or clamps which are adapted to be inserted through the opening formed by cutting away the central portion of said ears and which operate in connection with the sides thereof, to hold the globe or shade in place, said inwardly-directed hooks or fingers being adapted to prevent the withdrawal of said yokes or clamps, and the sides of said yokes or clamps being provided with notches or recesses, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 28th day of January, 1896.

ELBERT OGDEN STEELE.

Witnesses:

C. GERST,
C. E. WHITNEY.