

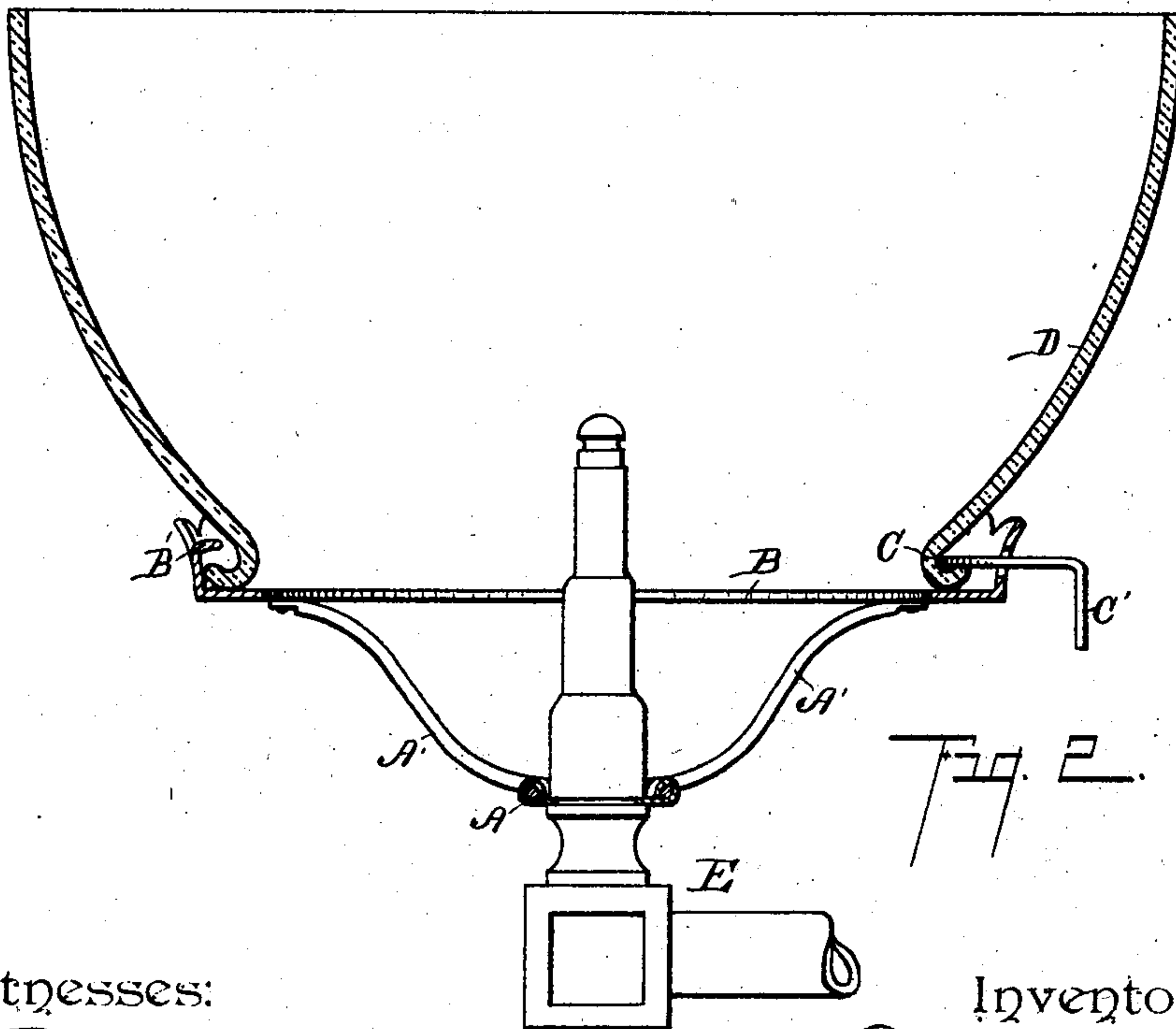
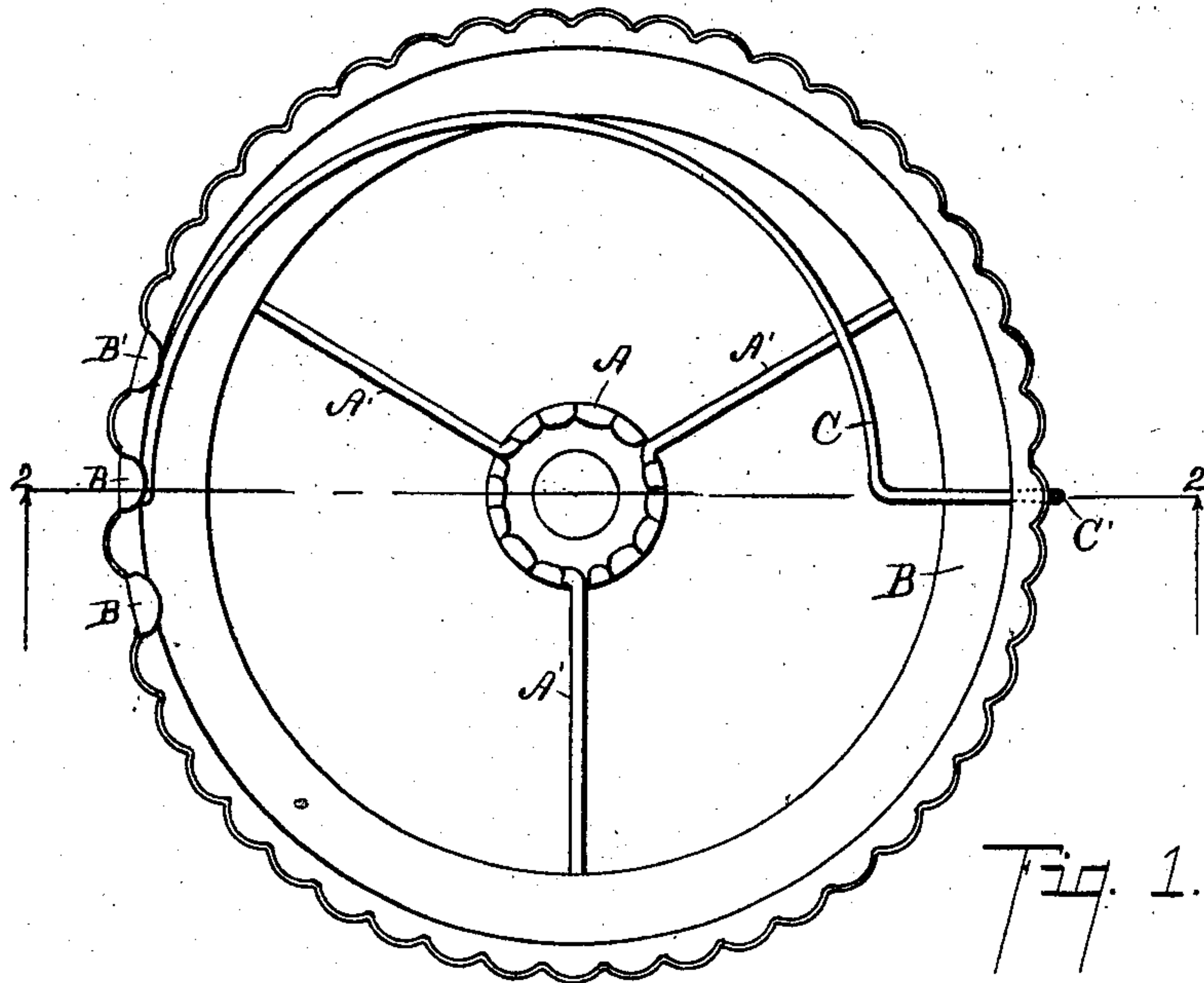
No. 720,544.

PATENTED FEB. 10, 1903.

B. M. WINDØES.
GLOBE HOLDER.

APPLICATION FILED SEPT. 26, 1902.

NO MODEL.



Witnesses:

H. C. Wood-
Otho A. Earl

Inventor,

Bertha Miller Windøes
By *Fred L. Chappell*
Att'y.

UNITED STATES PATENT OFFICE.

BERTHA MILLER WINDOES, OF KALAMAZOO, MICHIGAN.

GLOBE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 720,544, dated February 10, 1903.

Application filed September 26, 1902. Serial No. 124,940. (No model.)

To all whom it may concern:

Be it known that I, BERTHA MILLER WINDOES, a citizen of the United States, residing at the city of Kalamazoo, in the county of Kalamazoo and State of Michigan, have invented certain new and useful Improvements in Globe-Holders, of which the following is a specification.

This invention relates to improvements in globe or shade holders designed particularly for use on gas-burners, though adapted for use with any kind of burner or electric-light bulb.

The objects of the invention are, first, to provide a globe-holder which is neat and attractive in appearance, simple and durable in use, and inexpensive to manufacture; second, to provide an improved construction of globe-holder to which a globe can be easily and quickly secured and adapted to hold the globe securely in place by spring-pressure without danger of breaking the same and allowing the free expansion of the globe from heat under all conditions.

Further objects will definitely appear in the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in this specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of my invention is fully illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a plan view of a structure embodying the features of my invention, the holder being detached from the gas-fixture and the globe removed from the holder. Fig. 2 is a sectional elevation taken on line 2 2 of Fig. 1, showing the globe-holder in position on a gas-fixture and the globe in the holder, taken looking in the direction of the little arrows at the ends of the section-line.

In the drawings similar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the drawings, A represents a ring or collar supported by the gas-fixture E, as shown in Fig. 2. Radially-disposed supporting-arms A' are secured at one end to said collar, the other end

being suitably secured to the globe-supporting ring B. A semicircular wire spring C is suitably attached at one end to the globe-supporting ring and extends partially around, said ring being curved inward therefrom and adapted to conform to and press against the globe D just above the flange thereof. The outer or free end of said spring C' is bent radially outward and extends through a hole in the upwardly-projecting flange part of the globe-supporting ring B and is then bent downwardly to form a suitable handle whereby the spring can be operated to release or clamp the globe and permit its adjustment. Diametrically opposite the handle portion of the spring C on the globe-supporting ring are inwardly-projecting lips or lugs B', adapted to engage the flange of the globe on that side.

To adjust the globe, insert one edge of the flange thereof under the lips B' and press the spring C outwardly by means of the handle C' until the globe rests on the globe-supporting ring. Then allow the spring to reflex and press against the neck of the globe just above the flange. The globe will be held securely in position by the outwardly-projecting part engaging in the hole of the flange of the ring B. At the same time the use of the spring allows the free expansion of the globe when it becomes heated, thus precluding the danger of breaking by pressure. The spring readily adjusts to variations in the size of the globes used and securely holds a globe in position and prevents any rattling of the same.

I have described and illustrated my improved structure in what I believe to be the most practical form; but it may be considerably varied in details without departing from the essential features of my invention.

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

1. In a globe-holder, the combination with a gas-burner E of a globe-supporting ring B suitably supported thereon, having an inwardly-projecting lip B' adapted to engage the flange of a globe and being perforated opposite thereto; a globe D; a semicircular spring C having one end suitably secured to the globe-supporting ring near the lip B', the free end extending radially outward through

the hole in said globe-supporting ring; said spring being adapted to engage the globe above the flange thereof and clamp it toward the lip B', substantially as shown and described. 5

2. In a globe-holder, the combination with a gas-burner of a globe-supporting ring suitably mounted thereon, having an inwardly-projecting lip at one side, adapted to engage the flange of a globe; a globe; a semicircular spring secured at one end to the globe-supporting ring, and having its free end bent outwardly for convenience in grasping; said 10

spring being adapted to engage the globe above the flange thereof and clamp it toward the lip on said supporting-ring; and a guide for the free end of said spring, substantially as described. 15

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses. 20

BERTHA MILLER WINDOES. [L. S.]

Witnesses:

ETHEL A. TELLER,
OTIS A. EARL.