

(No Model.)

W. F. MALLOY.
GLOBE HOLDER.

No. 591,984.

Patented Oct. 19, 1897.

Fig. 1.

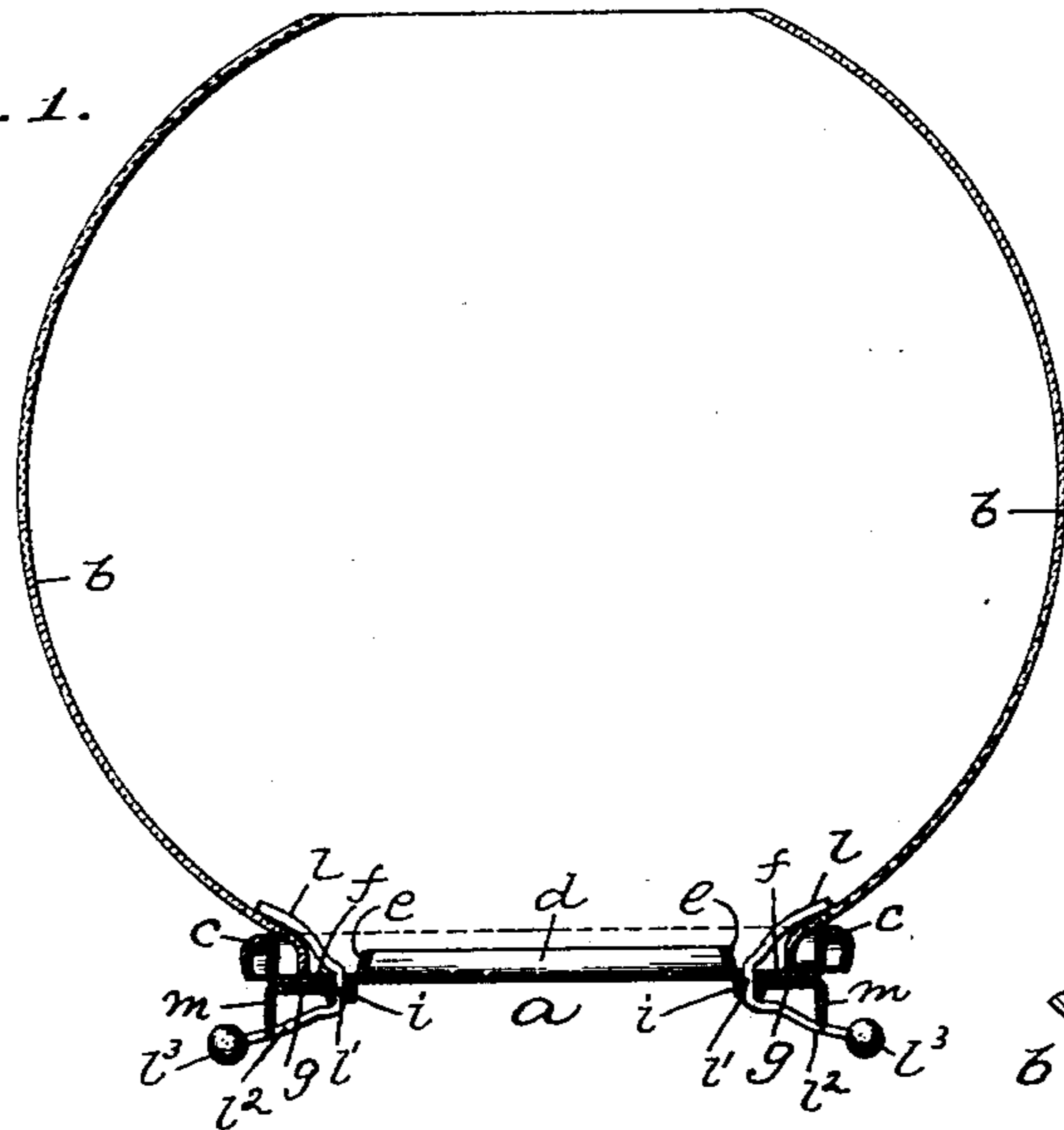


Fig. 3.

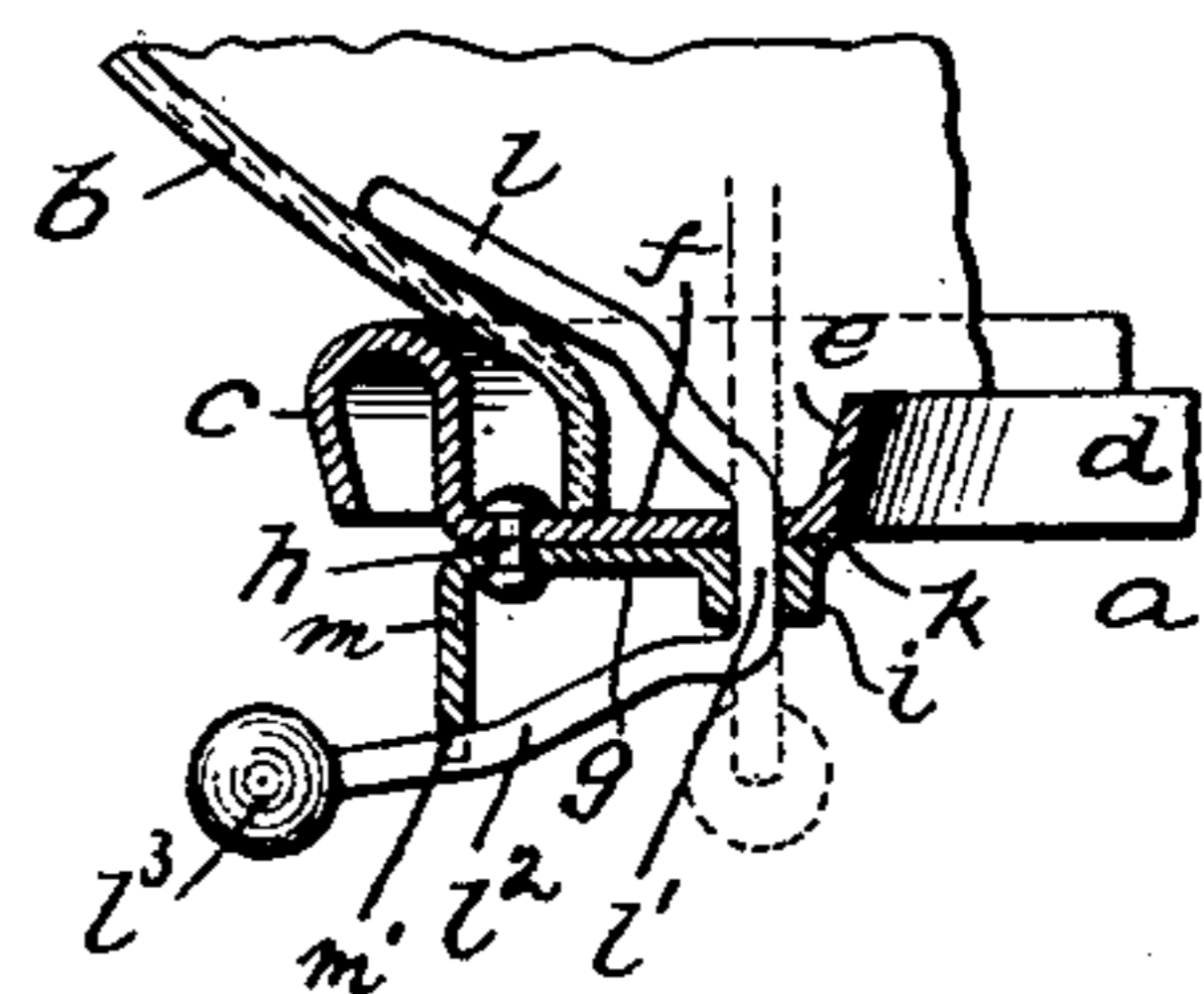
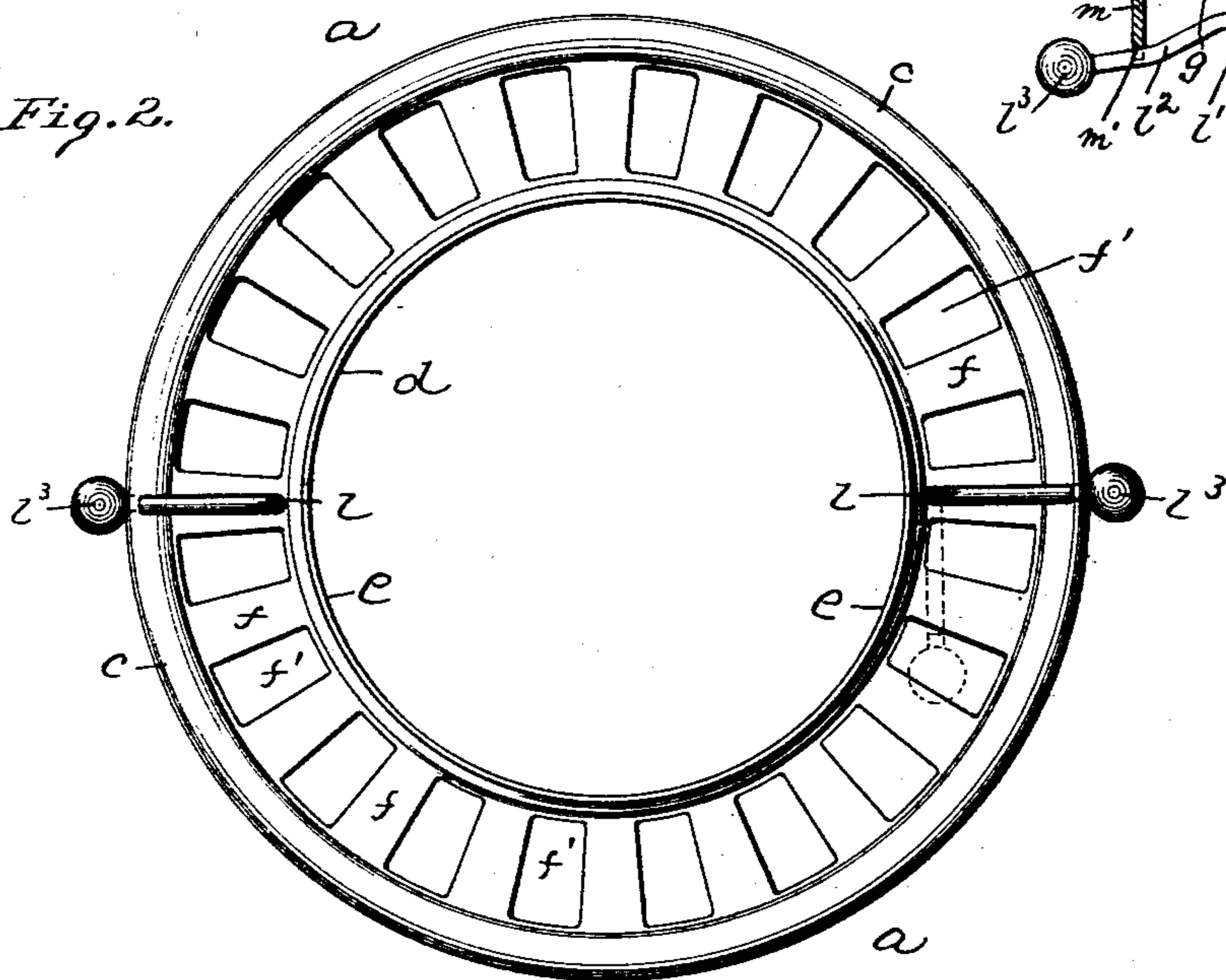


Fig. 2.



Witnesses:

Walter Yarnaries
Robert C. Zotten

Inventor:
William F. Malloy
By Ray A. Zotten
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM F. MALLOY, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO THE
PHOENIX GLASS COMPANY, OF MONACA, PENNSYLVANIA.

GLOBE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 591,984, dated October 19, 1897.

Application filed August 13, 1896. Serial No. 602,639. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. MALLOY, a resident of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Globe-Holders; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a device for retaining shades or globes of lamps in position, its object being to provide a simple and efficient device for retaining the globe in position, so that when said globe is subjected to a sudden jar or jolt of any kind it will not fall from its position on the lamp.

My invention comprises certain novel features, all of which will be fully hereinafter set forth and claimed.

To enable others skilled in the art to make and use my invention, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a vertical section of my invention. Fig. 2 is a plan view. Fig. 3 is an enlarged detail view.

Like letters indicate like parts in each of the figures.

The letter *a* designates the base or support of ordinary form for the globe *b*, said support consisting of a metal ring having the upwardly-projecting flange *c*. The supporting-ring *a* has the central opening *d*, surrounded by the flange *e*, through which the burner passes. The two flanges *c* and *e* are connected by the web portion *f*, which is preferably formed with the openings *f'* therein. Secured preferably at opposite points on the web portion *f* are the journal-plates *g*, which are secured at their outer edges to said web portion by means of the rivets *h*, the inner ends of said journal-plates being soldered or brazed, as at *k*, to the flange *e*. The journal-plates *g* have the bearings *i* formed thereon. Any suitable number of the journal-plates *g* may be employed, or, if it is desired, the web portion *f* may be itself employed to act as a journal for the locking device, which is about to

be described. This locking device, which is preferably formed of spring-wire, consists of the upper outwardly-extending arm *l*, the vertical portion *l'*, which is journaled in the bearing *i* on the journal-plate *g*, and the lower outwardly-projecting arm *l''* with the knob *l'''* formed thereon. The journal-plate *g* is formed with the downwardly-projecting tongue *m*, which has the groove or recess *m'* formed therein. The lower outwardly-projecting arm *l''* of the locking device is adapted to engage with said groove or recess *m'*, whereby the arm *l* is locked in position.

When it is desired to secure the globe *b* in position upon the ring *a*, the globe is placed upon said ring in the position shown in Fig. 1, the arms *l* having been turned practically at right angles to their normal positions, as shown in dotted lines, Fig. 2, to allow for the placing of the globe *b* upon the ring *a*. When the globe has been placed upon the ring *a* with its base resting upon the web portion *f*, the knobs *l'''* are grasped in the fingers and turned so as to bring the lower arms *l''* into engagement with the grooves *m'*. A slight amount of pressure has to be exerted to bring the arm *l''* into engagement with the groove *m'*, owing to the spring of the wire, and when once in engagement with said groove said arm has to be pressed down somewhat to free it from said groove. This will swing the upper arm *l* into the position shown in Figs. 1 and 2, whereby it acts to hold the globe in position and prevent its being knocked from the ring when jolted or jarred in any manner.

I do not wish to limit myself to the exact construction illustrated, as that may be varied and yet come within the scope of my invention.

I thus provide a simple and efficient device by which the globe may be readily secured in position, while at the same time there is nothing in the construction to mar the appearance of the lamp.

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

In a globe-holder, the combination with a

suitable base for supporting the globe, of a
journal-plate secured to said base, said jour-
nal-plate having a depending tongue with a
groove formed therein, a locking device con-
5 sisting of an outwardly-projecting arm adapt-
ed to engage the inner face of the globe, a ver-
tical portion journaled in said base and jour-
nal-plate, and a lower outwardly-projecting

arm adapted to engage the groove in said de-
pending tongue, substantially as set forth. 10

In testimony whereof I, the said WILLIAM
F. MALLOY, have hereunto set my hand.

WILLIAM F. MALLOY.

Witnesses:

ROBT. D. TOTTEN,
ROBERT C. TOTTEN.