

(No Model.)

R. J. ASHWORTH.
GLOBE HOLDER.

No. 524,537.

Patented Aug. 14, 1894.

Fig 1

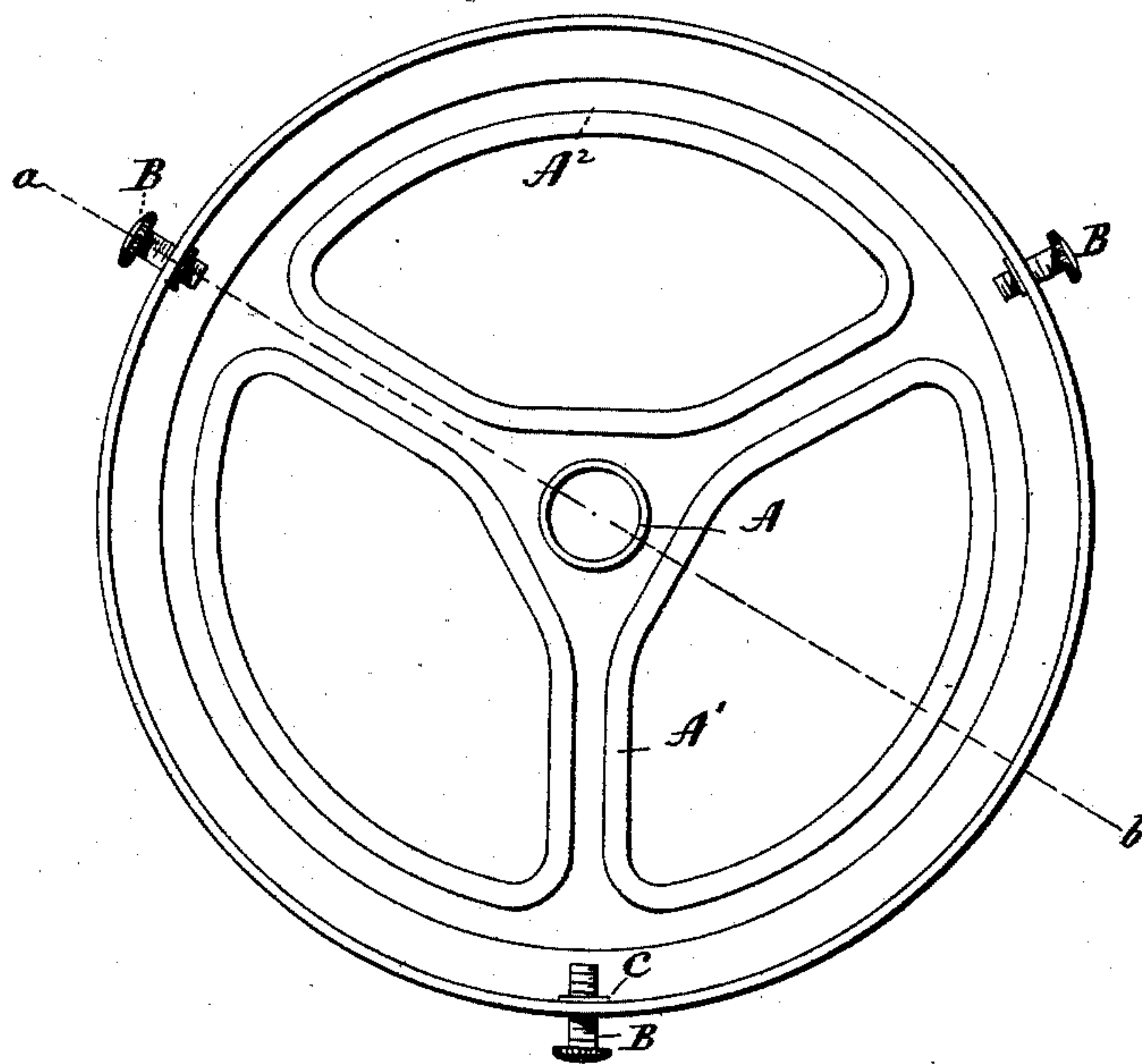


Fig 2

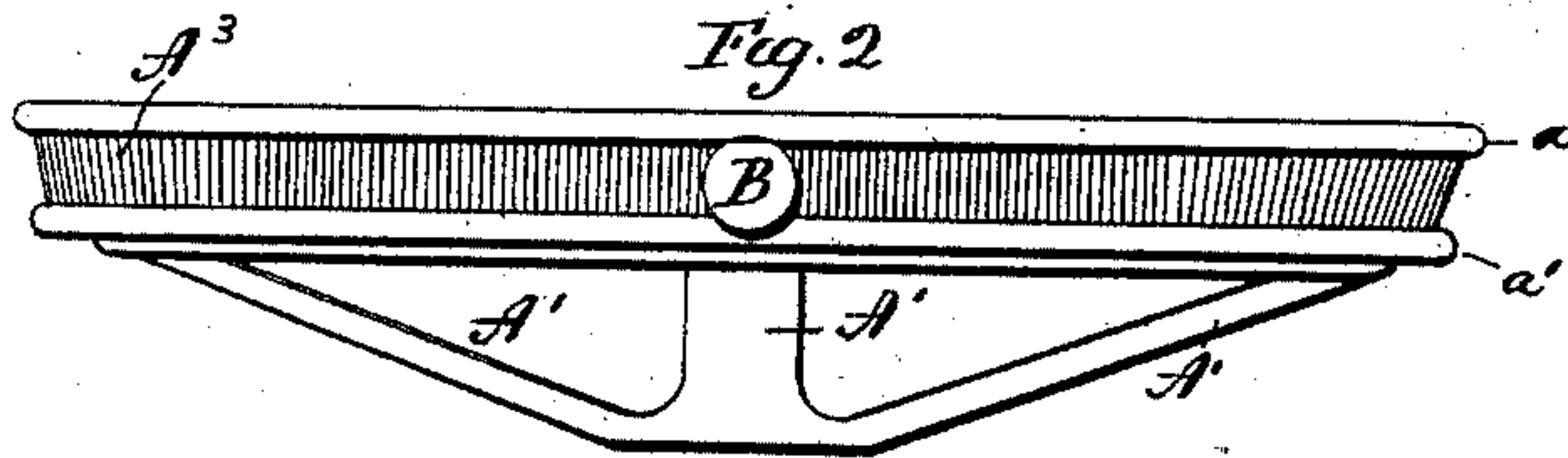
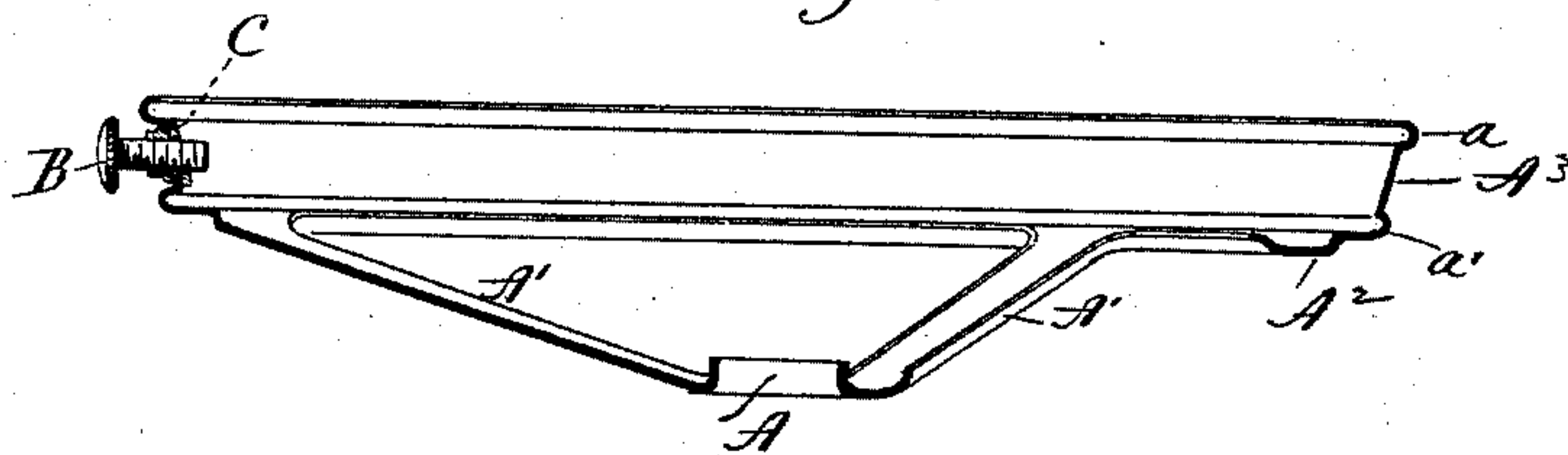


Fig 3



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RICHARD J. ASHWORTH, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
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GLOBE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 524,537, dated August 14, 1894.

Application filed May 14, 1894. Serial No. 511,144. (No model.)

To all whom it may concern:

Be it known that I, RICHARD J. ASHWORTH, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new
5 Improvement in Globe-Holders; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be
10 a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a plan view of the globe-holder constructed in accordance with my invention; Fig. 2, a view in side elevation; Fig. 3, a view
15 in vertical diametric section on the line $a-b$ of Fig. 1.

My invention relates to an improvement in globe-holders, the object being to produce at a comparatively low cost, a superior article,
20 designed with particular reference to stiffness and strength, and elegance and stability of appearance.

With these ends in view, my invention consists in a globe-holder having certain details
25 of construction as will be hereinafter described, and pointed out in the claims.

In carrying out my invention, I form the article from one or more pieces of sheet-metal, or it may be formed by combining a sheet-
30 metal rim and flange with wire arms. As herein shown, the holder is made from a single piece of sheet-metal, and comprises a central collar A, three radial, longitudinally corrugated arms A', a concentrically corrugated
35 rim A², into which the outer ends of the said arms merge, and a slightly flaring flange A³, formed upon the outer edge of the rim. For the purpose of stiffening the flange, which has a straight outer edge, I form in it two
40 concentric beads a and a' respectively located at its upper and lower edges. Between the said beads I locate the globe-clamping screws B, of which I have shown three, though that number may be varied as desired. By preference these are mounted in small eyelet-
45 like bushings C, inserted into the flange between the said beads. For further stiffening

the article and enhancing its appearance, I may vertically crimp or corrugate that portion of the flange lying between the beads, 50 as shown at D in Fig. 2. I do not limit myself, however, to such crimping, though I consider it advantageous.

My improved globe-holder will be found more durable and effective in use than those 55 globe-holders having flanged sheet metal rims, in which the globe-clamping screws are located in ears formed integral with and projecting above the upper edge of the flange, such ears being liable to be bent and broken 60 both by the handling of the globe-holder, and by the strain imposed upon them by the action of the screws. Furthermore, the formation of concentric beads at the upper and lower edges of the flange of the rim, so far 65 stiffens the rim that I am enabled to form it of comparatively light stock, with obvious economy, and by dispensing with ears projecting above the upper edge of the flange, I produce an article of much more elegant and 70 stable appearance, as it has the simplicity of goods of the highest class.

I am well aware that it is old to make a globe-holder from a single piece of sheet-metal, and to mount globe-clamping screws in 75 the flange of its rim, and I do not claim that construction broadly, nor do I broadly claim corrugating such a globe-holder for stiffening it.

Having fully described my invention, what 80 I claim as new, and desire to secure by Letters Patent, is—

A globe-holder having the flange of its rim concentrically beaded at its upper and lower edges, and provided between the beads with 85 globe-clamping screws, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

RICHARD J. ASHWORTH.

Witnesses:

ARTHUR D. NOBLE,
F. B. NOBLE.