T. F. McGANN.

GLOBE-HOLDER.

No. 171,735. Patented Jan. 4, 1876.

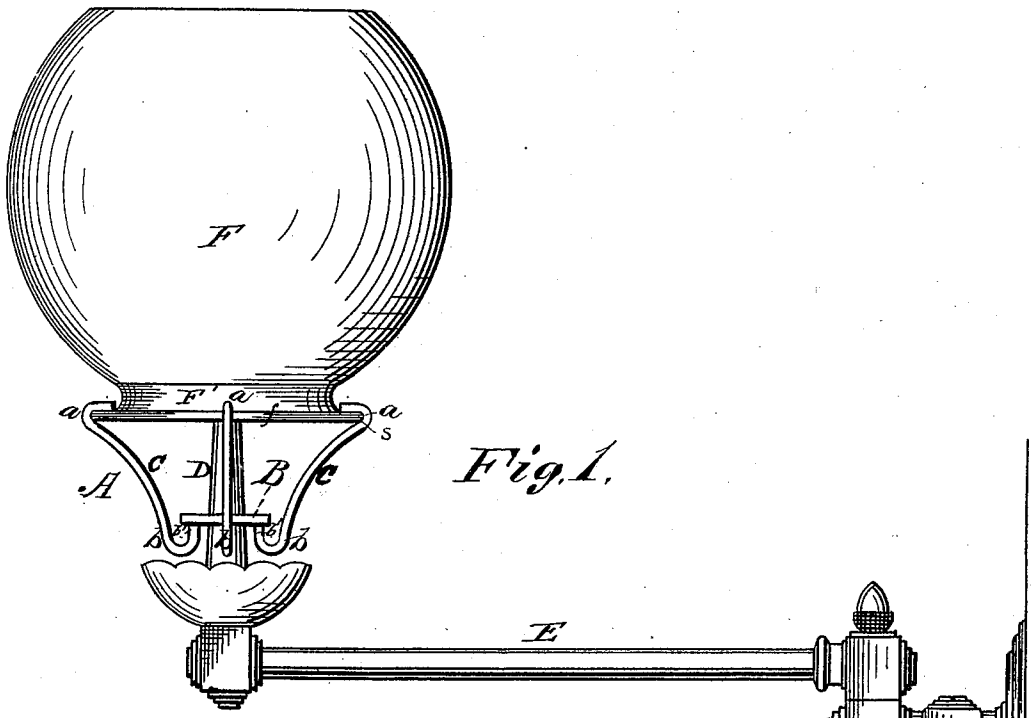

Fig. 1.

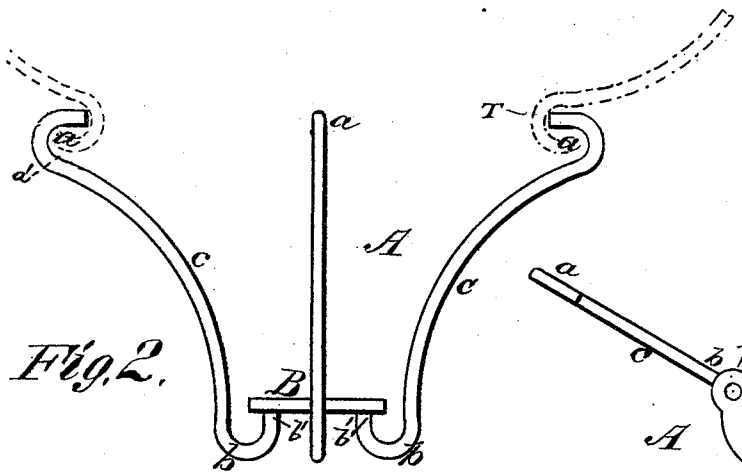

Fig. 2.

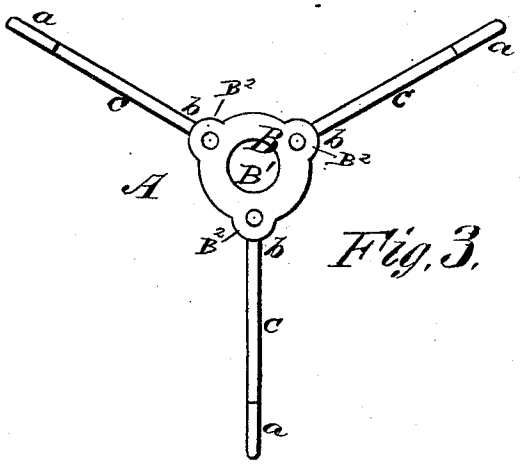

Fig. 3.

WITNESSES

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THOMAS F. McGANN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN GLOBE-HOLDERS.

Specification forming part of Letters Patent No. **171,735**, dated January 4, 1876; application filed October 20, 1875.

To all whom it may concern:

Be it known that I, T. F. McGANN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Gas-Shade Holder for Globes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to an improvement in that class of globe-holders in which flexible or elastic arms or bars are secured to and radiate from a central plate or ring, and gripe the flanged lower rim of the globe; the object of my invention being to construct said arms, as fully described hereafter, so as to furnish a better support for the globe, and to gripe the flange more securely than the arms as usually constructed.

In the drawing, Figure 1 is an elevation of my improved globe-holder, showing the same applied to a bracket; Fig. 2, an elevation; Fig. 3, a plan view.

B is a metal plate, to which is riveted three arms, C C C, of spring-wire, which are bent downward from the point of their connection, forming a loop, and then upward, curving outward gradually to their outer extremities, where they are bent inward horizontally, forming hooks *a*, which embrace the flanged rim *f* of a globe, as shown in Fig. 1. When a globe is to be secured one of the arms is bent outward to permit the rim *f* to be inserted within the hooked ends *a*, which, being bent inward horizontally, will clasp the flange *f*, even when the globe extends directly over the latter, while the globe may have a firm support either upon the curved portions of the arms, as shown at S, Fig. 1, or upon the horizontal portion of the hook, as shown in Fig. 2. In bending the arm outward its point of connection with the plate B forms a fulcrum, the plate constituting a rigid unyielding support for all the arms not affected by the strains put upon any of the latter, while each arm is elastic throughout its length, yielding in any direction, and the hooks *a*, owing to their form, effectually resist any strain tending to displace the globe.

I am aware that globe-holders have been made by folding continuous strips of wire to form both the arms and the socket. I therefore do not claim, broadly, a globe-holder having wire arms. Neither do I claim a globe-holder in which elastic arms are riveted to a metal plate, B, as this is shown in the Letters Patent granted to me October 12, 1875; but

I claim—

As a new article of manufacture, the within-described globe-holder, consisting of the flat socketed plate B and arms C, each composed of a single elastic rod or wire riveted to the plate, curved gradually outward, and bent inward horizontally at the end to form a hook, *a*, as specified.

In testimony that I claim the foregoing as my own, I herewith affix my signature in presence of two witnesses.

THOMAS F. McGANN.

Witnesses:

JAMES E. TOWER,

JOSEPH P. ROYERS,

EDWARD MOON.