G. H. RECK.

SHADE-HOLDER.

No. 193,179. Patented July 17, 1877.

Fig. 1

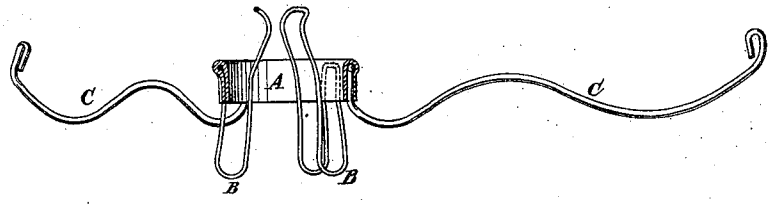


Fig. 2

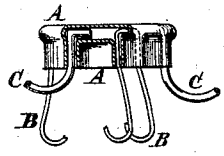
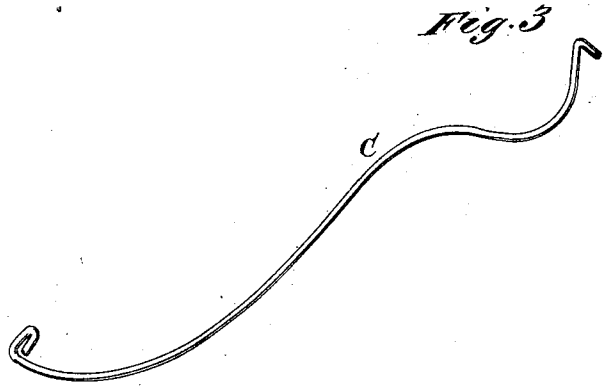


Fig. 3



WITNESSES:

A. W. Almqvist

J. H. Scarborough.

INVENTOR:

G. H. Reck.

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UNITED STATES PATENT OFFICE.

GUSTAVUS H. RECK, OF BETHLEHEM, PENNSYLVANIA.

IMPROVEMENT IN SHADE-HOLDERS.

Specification forming part of Letters Patent No. **193,179**, dated July 17, 1877; application filed April 16, 1877.

To all whom it may concern:

Be it known that I, GUSTAVUS H. RECK, of Bethlehem, Northampton county, Pennsylvania, have invented a new and Improved Shade-Holder, of which the following is a specification:

Figures 1 and 2 represent sectional side views of my improved shade-holder, and Fig. 3 a side view of the arms detached.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved shade-holder that adapts itself to any shape of burner, with iron, brass, lava, or other tip of a larger size than the body; and the invention consists of a shade-holder having arms and springs fastened by their bent ends into a U-shaped collar or ring.

In the drawing, A represents a ring-shaped collar, made of inverted U shape, and of brass or other suitable sheet metal, that is closed tightly around the bent ends of the shade-supporting arms or prongs C, and around the ends of the springs B, by which the holder is applied to the burner.

The binding-springs B are extended downward from the collar, and then up through the inside of the same, being curved at the upper ends, so as to readily pass over the tip of the burner, and adapt itself to any shape of the same, of whatever material the larger head is made.

The springs produce a firm fitting of the shade-holder to the burner without being liable to get shaky or loose, as the arms and springs are attached without solder, and retained firmly by the binding action of the collar or ring, forming thus a strong, durable, and tightly-fitting shade-holder.

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

A shade-holder composed of a collar or ring of U shape, clasped tightly over the bent ends of the arms and retaining-springs, substantially as specified.

GUSTAVUS HERMAN RECK.

Witnesses:

ANTHONY GOTH,

HERMAN J. GOTH.