

G. MACBRIDE.

Improvement in Lamp-Shades.

No. 131,173.

Patented Sep. 10, 1872.

Fig. 1

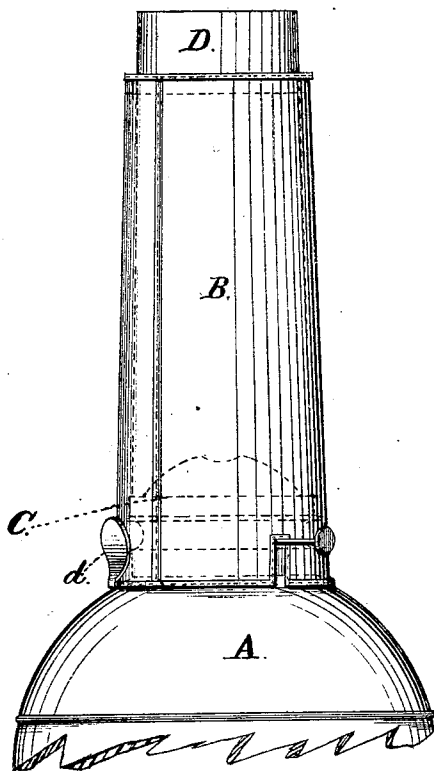
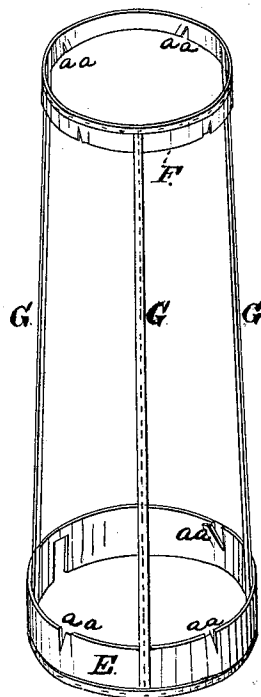


Fig. 2.



Witnesses.

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GEORGE MACBRIDE, OF CARTHAGE, ILLINOIS.

IMPROVEMENT IN LAMP-SHADES.

Specification forming part of Letters Patent No. 131,173, dated September 10, 1872.

To all whom it may concern:

Be it known that I, GEORGE MACBRIDE, of Carthage, in the county of Hancock and State of Illinois, have invented a new and useful Improvement in Lamp-Shades; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a view, showing the shade set in position. Fig. 2 is a perspective view, showing the frame of the shade.

Like letters in both figures of the drawing indicate like parts.

The object of my invention is to protect the human eyesight from the glaring rays of the lamp or gas-light; and the invention relates to a shade having its shape made somewhat similar to that of a cylinder, but representing more precisely the form of a frustum of a cone; the said shade consisting of bleached muslin or light-colored cotton-cloth, bound at either end with tin or other suitable metal, and kept in position, longitudinally, by metallic standards connecting suitably with the metallic binding on the edges or ends of the cloth, as above referred to; the device resting upon the body of the lamp, below the burner, and occupying a position just outside of the chimney, from which it is protected by projections from the metallic binding; the size of the shade being made to suit the various lamps in use.

To describe my invention more particularly attention is called to the letters of reference designating the various parts of its construction, as follows: A represents the top of the lamp; B, the shade proper; C, the burner; D, the chimney; E, the metallic rim or binding at the base of the shade, as hereinbefore mentioned; and F, the metallic rim or binding at the top; G, the metallic standards attached in any suit-

able manner to the metallic rims above and below, as will be seen clearly in Fig. 2. *a a* are flanges in the top and bottom rims to hold the cloth in position. *a* shows shields or finger-pieces on the outside of the shade, near its base, for convenience in handling.

The ordinary construction of the shade is essentially as I have now described it; but it is evident that in manifold ways changes may be made in the mere detail of the manufacture without in any sense departing from the invention now described and illustrated.

My improved shade will operate successfully over any ordinary lamp having a chimney with few irregularities and a form approaching that of a cylinder. It will protect the eyes completely without straining them. The human eyes are injured by the presence of a nude or reflected flame of fire, but this subdues its brightness without sacrificing necessary light, as a mild shade in summer protects us from the dazzling rays of the sun without depriving us of the convenience of the day. It is of a convenient shape; others, hanging from the top of the chimney, protect the eyes only in certain positions, and they must be laid aside when the lamp is not in use, or on the shelf, thus rendering them liable to be broken or injured, while the place for this shade is on the lamp.

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

The lamp-shade herein described, consisting of the metallic rims E F, standards G, flanges *a a*, and cloth B, the whole constructed substantially as and for the purpose set forth.

GEORGE MACBRIDE.

Witnesses:

S. D. CLARK,
AMOS ALLMAN.