

W. O. LINCOLN.
Shade-Holder for Lamp and Gas Burners.

No. 211,412.

Patented Jan. 14, 1879.

Fig. 1.

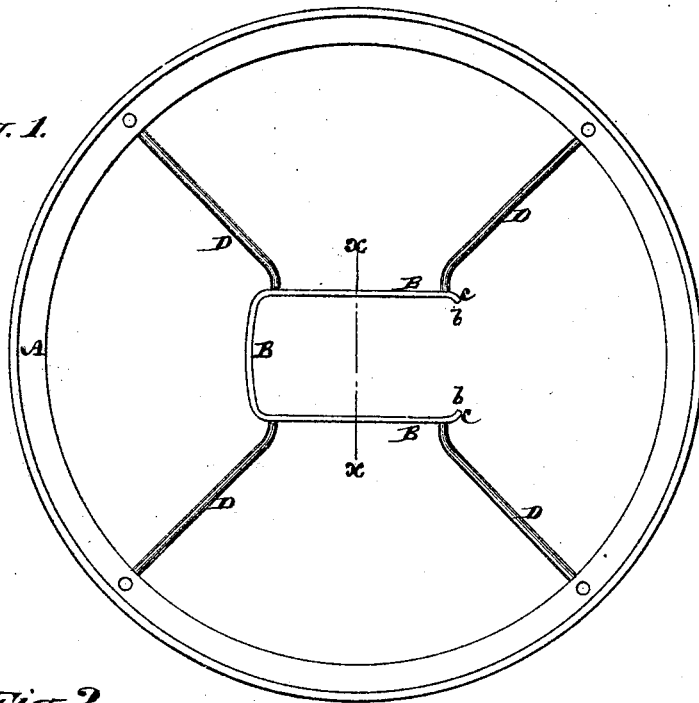


Fig. 2.

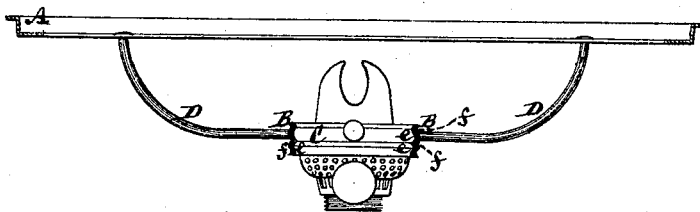
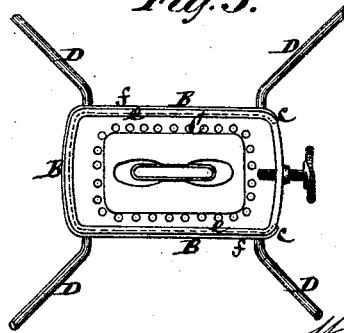


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM O. LINCOLN, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO
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IMPROVEMENT IN SHADE-HOLDERS FOR LAMPS AND GAS-BURNERS.

Specification forming part of Letters Patent No. **211,412**, dated January 14, 1879; application filed
September 21, 1878.

To all whom it may concern:

Be it known that I, WILLIAM O. LINCOLN, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Lamp-Shade-Holder Attachments, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to shade-holders of which the band which fits the collar or other part of the burner is made open in one part, to permit the holder to be placed upon the burner by a horizontal, or approximately horizontal, movement, and to enable the band to constitute a spring-clamp, for the purpose of clamping itself or being clamped tightly upon the burner.

The object of my invention is to prevent the tipping of such a shade-holder upon the burner, and to maintain it always in a horizontal position; and to this end the improvement consists in the construction of such a band and the burner to which it is to be attached with matching or corresponding corrugations or ridges and grooves.

Figure 1 in the accompanying drawings is a plan of a shade-holder constructed according to my invention. Fig. 2 is a vertical section of the same in the line *x x*, indicated in Fig. 1, showing its application to a lamp-burner. Fig. 3 is a plan of the band and arms of the said holder and a burner to which the said holder is applied.

The burner represented has a base or chimney-gallery, C, of oblong form, and consequently the band B of the shade-holder is of

oblong form, the said band being always made to conform to the base, chimney-gallery, or other portion of the burner to which it is to be applied. The band B has attached to it the arms D, which might support the shade directly, but are shown as carrying an ordinary shade-supporting ring, A. The said band is open at *b b*, to provide for its being placed on the burner in a horizontal direction, and the ends of the band on opposite sides of the said opening are turned in, as shown at *c c* in Figs. 1 and 3, to prevent the shade-holder from being too easily drawn off or from slipping off the lamp-burner. The chimney-gallery C of the burner is made with horizontal corrugations or ridges and grooves *e e*, as shown in Fig. 3, which extend along or around the whole or any portion of its sides or perimeter, and the band B is made with corresponding or matching longitudinal or horizontal corrugations or ridges and grooves *f f*, to fit those *e e*, for the purpose of preventing the tipping or vertical displacement of the band B and the shade.

What I claim as my invention is—

The combination of the open band B of a shade-holder, constructed or provided with longitudinal or horizontal corrugations, ridges, or grooves *f f*, and the lamp-burner constructed or provided with corresponding or matching corrugations, ridges, or grooves *e e*, substantially as and for the purpose herein specified.

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Witnesses:

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