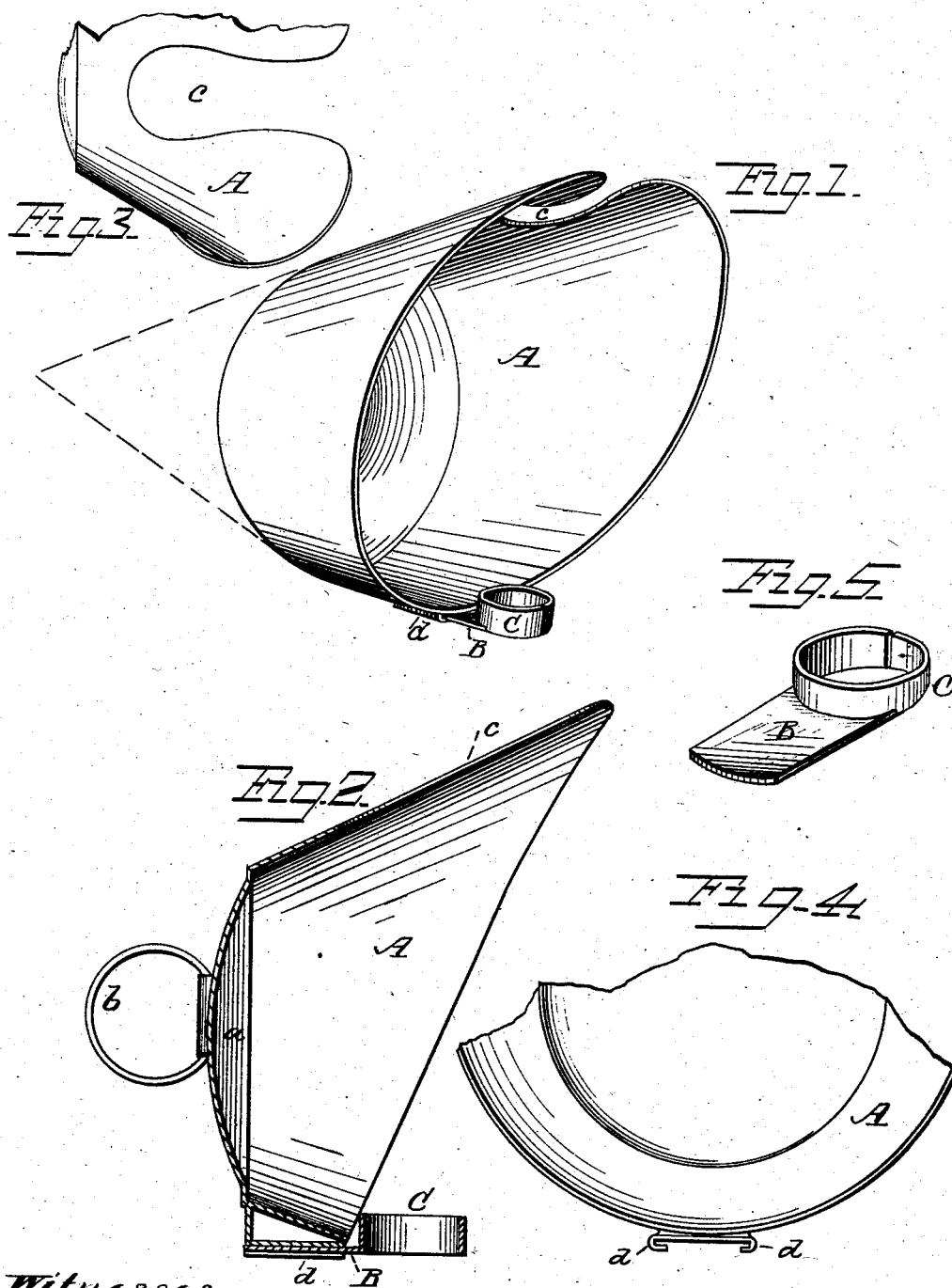


(No Model.)

H. F. BARTLETT.
REFLECTOR FOR LAMPS.

No. 260,735.

Patented July 11, 1882.



Witnesses.
Frank L. Ouraud
L. L. Miller

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UNITED STATES PATENT OFFICE.

HENRY F. BARTLETT, OF LA GRANGE, MISSOURI.

REFLECTOR FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 260,735, dated July 11, 1882.

Application filed May 31, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. BARTLETT, a citizen of the United States, residing at La Grange, in the county of Lewis and State of Missouri, have invented certain new and useful Improvements in Reflectors for Lamps; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention; Fig. 2, a sectional elevation; Figs. 3 and 4, detail views thereof, and Fig. 5 a perspective view in detail of the clamping device for securing the reflector to the lamp.

The present invention has reference to certain new and useful improvements in reflectors for lamps; and the object thereof is to provide a reflector simple in construction and capable of being readily connected to the ordinary hand-lamp, and removed at pleasure for cleaning or other purposes, or when required to clean or fill the lamp. These objects I attain by the construction substantially as shown in the drawings and hereinafter described and claimed.

In the accompanying drawings, A represents the reflector in the form of a frustum of a cone, covered at its back by a concavo-convex disk, *a*, provided with a suitable bail or handle, *b*, hinged, pivoted, or otherwise connected to said disk.

If desired, in place of the reflector being in the form of a frustum of a cone, as shown, with the disk connected to its back, it may run to a point in the shape of a cone, this change being made at pleasure without departing from the principle of my invention.

At the top of the reflector A is an opening, *c*, for the reception of the upper end of the lamp-chimney. This opening is preferably of the form shown in Fig. 3, and extends across

the front edge of the reflector, so that it can be removed horizontally without raising it up or being compelled to first detach the chimney from the burner of the lamp.

The reflector A, at its under side, has guide-flanges *d*, which fit over and upon a supporting-plate, B. This plate, at one end, has a clamping device for attaching it to the lamp, which consists of a split spring collar, C, said collar passing around the collar of the lamp under the burner, and, if desired, the addition of a set-screw may be employed to more firmly secure the collar in place around the collar of the lamp.

It will be seen that by the above construction, and forming the reflector with the opening extending across its front edge, the reflector can be moved without handling and danger of breaking the chimney, the clamping device being left secured to the lamp.

The reflector can be as readily and conveniently replaced, as it is detached from the supporting-plate B. The plate, being flat and of considerable thickness and width, forms a complete, strong, as well as simple, support for the reflector.

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

The reflector A, having at its top the opening *c*, extending across its front edge, as shown, and provided at its bottom with guide-flanges *d*, in combination with the flat supporting-plate, B, having connected to it the split spring collar C, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY F. BARTLETT.

Witnesses:

JOSHUA M. GIBBS,
O. H. CADY.