

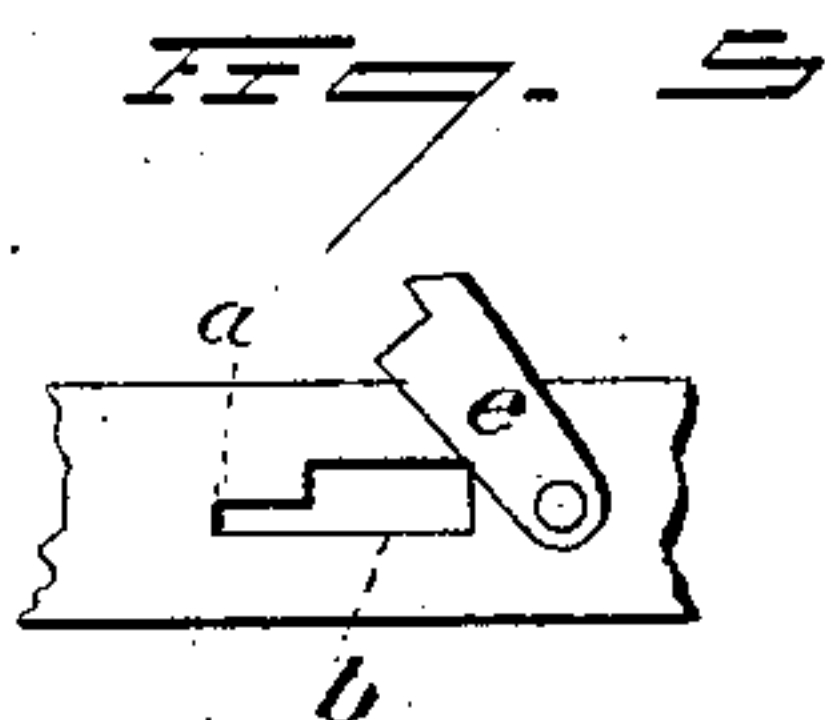
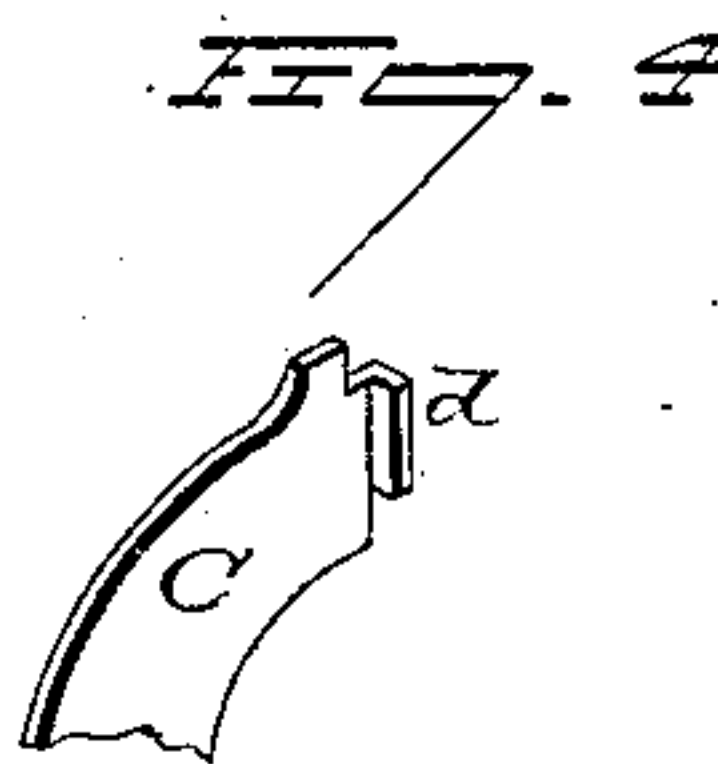
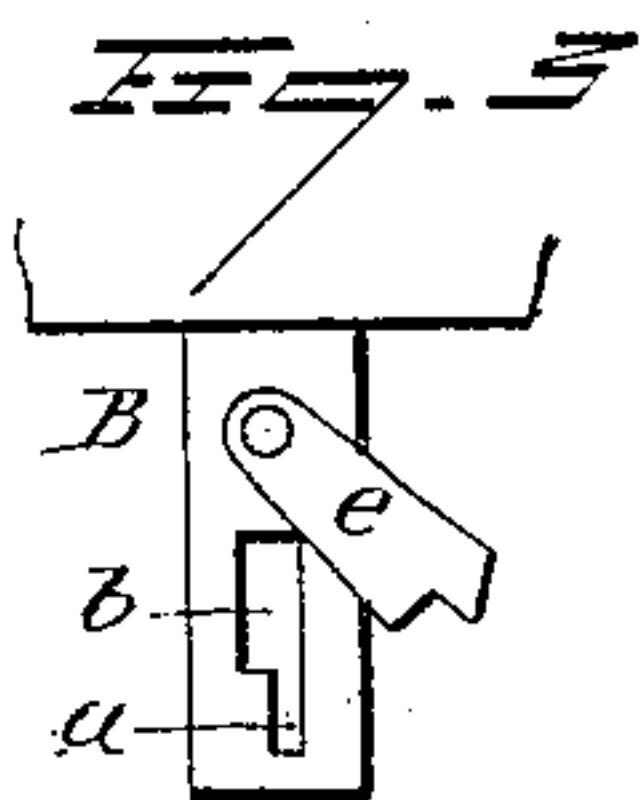
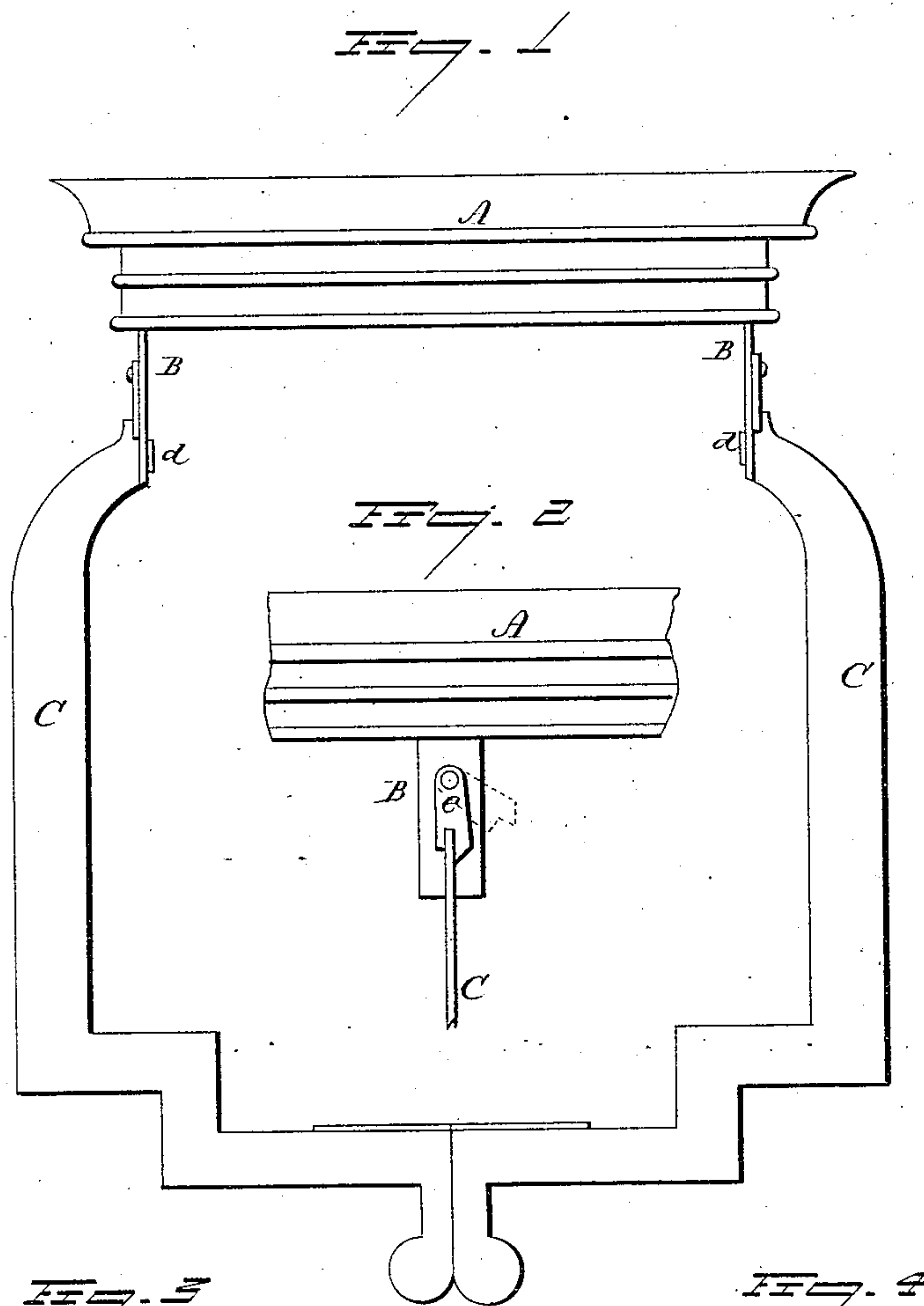
(No Model.)

R. B. PERKINS.

LAMP FIXTURE.

No. 284,889.

Patented Sept. 11, 1883.



Witnesses.
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UNITED STATES PATENT OFFICE.

RUSSELL B. PERKINS, OF MERIDEN, CONNECTICUT, ASSIGNOR TO EDW. MILLER & CO., OF SAME PLACE.

LAMP-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 284,889, dated September 11, 1883.

Application filed July 5, 1883. (No model.)

To all whom it may concern:

Be it known that I, RUSSELL B. PERKINS, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Lamp-Fixtures; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view; Figs. 2, 3, and 4, detached views; Fig. 5, a modification.

This invention relates to an improvement in that class of lamp-fixtures usually arranged to support a single lamp, and hung from the ceiling, commonly called "library-lamps." These fixtures usually have a ring at the top, from which the shade is supported, and from this ring the frame or harp extends downward to support the lamp, and when the harp or frame is attached permanently to the ring the fixture makes a very bulky package for storage or transportation. Various devices have been employed to disconnect the frame from the ring, whereby the ring may be laid over upon the frame, and thereby reduce the bulk; but these either require the removal of screws or some mechanical manipulation which is not easily understood by the ordinary purchaser, and are not applicable to this class of fixtures made from sheet metal.

The object of my invention is to construct a sheet-metal fixture with the frame connected to the ring by a device so simple that it cannot be misunderstood; and the invention consists in the construction as hereinafter described, and particularly recited in the claims.

A represents the usual shade-ring. On the opposite sides of this ring is a downwardly-projecting lug, B. This lug is constructed with a vertical slot, *a*, and which at its upper end is enlarged, as at *b*, the part *a* of the slot being substantially the thickness of the sheet-metal frame.

C C represent the two sides of the frame, which are made from sheet metal, and at the upper end are constructed with a vertical L-shaped flange, *d*, as seen in Fig. 4. This flange is of a size to pass through the enlarged part *b* of the slot in the lug B and bring the flange upon the opposite side, and when thus

introduced the frame is drawn down into the narrower part of the slot, bringing the flange *d* upon the inside of the lug B, as seen in Fig. 1, which engages the frame with the ring in its proper relative position. To prevent the accidental removal of the frame, I hinge a latch, *e*, to the lug, above the slot, and which, when the frame is in place, is turned down over the upper end of the frame, as seen in Fig. 2, and in that position the frame and ring are as firmly secured together as if screwed or riveted. To remove the frame it is only necessary to turn the latch from over the slot, as seen in Fig. 3, which opens the upper part of the slot to permit the frame to be raised until the flange will pass out through the slot. This flange is constructed by simply shaping and bending the end of each part of the frame, so that substantially no extra expense is incurred by this method of uniting the two parts.

Instead of making the slot in the vertical lugs, as described, and which I prefer, the slot may be made at opposite points in the ring, and in an annular plane, as seen in Fig. 5, and a latch correspondingly applied, as shown in said figure. In this case it will be understood that the flange *d*, instead of being turned vertically, will be turned horizontally to the slot in the ring.

While my invention is applicable specially to sheet-metal fixtures, it may be applied to cast metal with good advantage.

It will be understood that the style or design of the harp or ring constitutes no part of my invention, as either may be of any desirable shape or design.

I claim—

1. In a hanging-lamp fixture, the combination of the ring A, constructed with slots *a b*, and the frame constructed with corresponding flanges, *d*, to engage with said slots, substantially as described.

2. In a hanging-lamp fixture, the combination of the ring A, constructed with slots *a b*, and the frame constructed with corresponding flanges, *d*, to engage with said slots, and latches *e*, substantially as described.

RUSSELL B. PERKINS.

Witnesses:

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