

(No Model.)

G. W. HUBBELL.
HANGING LAMP FIXTURE.

No. 323,687.

Patented Aug. 4, 1885.

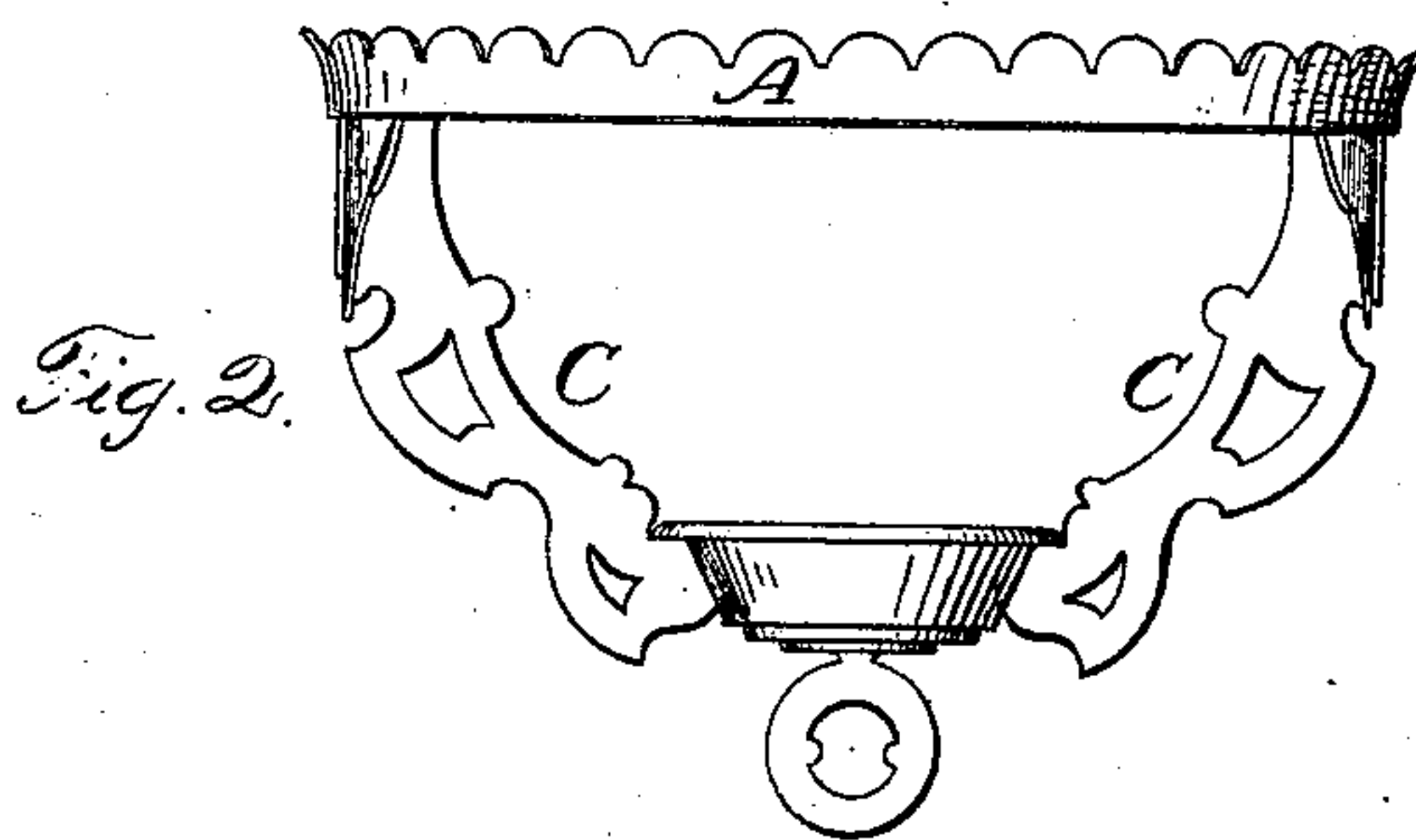
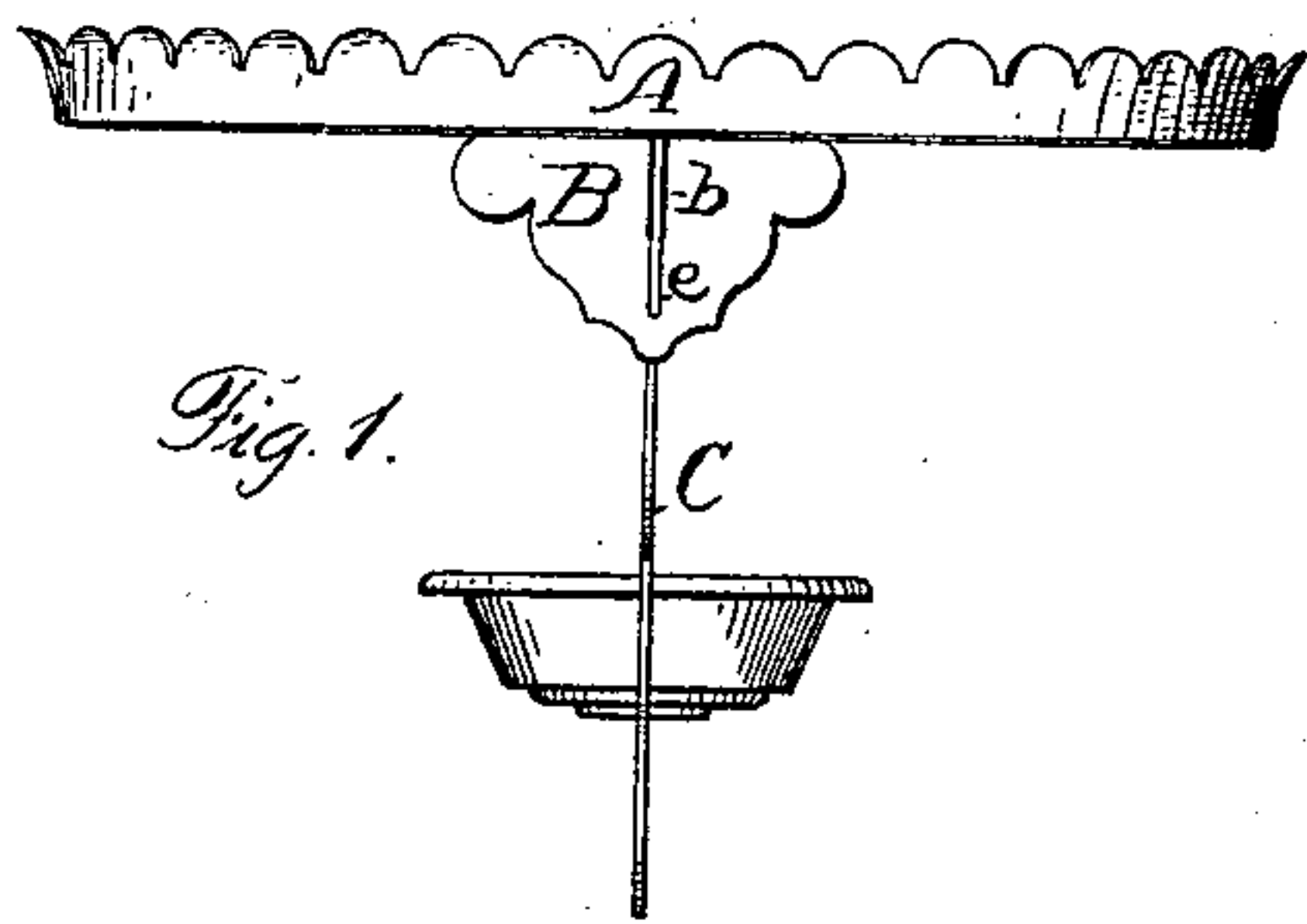


Fig. 3.
A L a

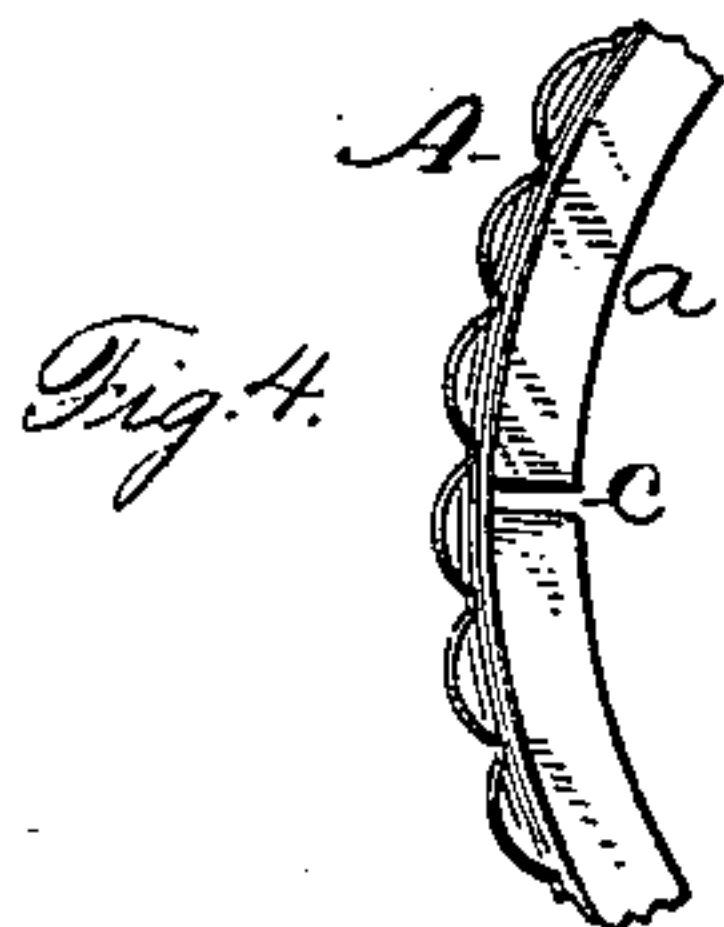
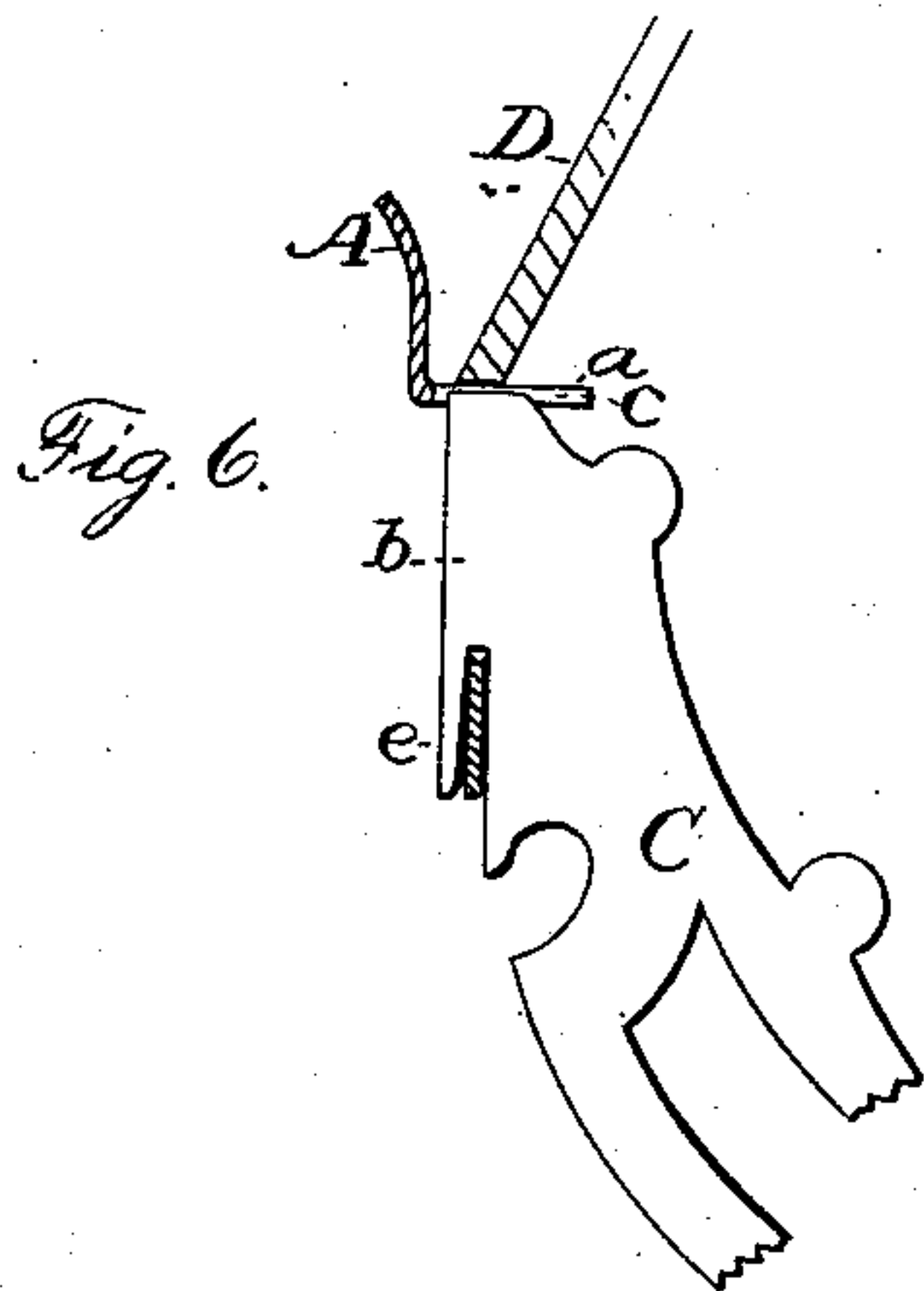


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE W. HUBBELL, OF ANSONIA, CONNECTICUT, ASSIGNOR OF ONE-HALF
TO WALLACE & SONS, OF SAME PLACE.

HANGING-LAMP FIXTURE.

SPECIFICATION forming part of Letters Patent No. 323,687, dated August 4, 1885.

Application filed August 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HUBBELL, of Ansonia, in the county of New Haven and State of Connecticut, have invented a new Improvement in Hanging Lamps; 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 side view of the ring, the arms attached; Fig. 2, a face view of the ring with the arms attached; Fig. 3, a transverse section of the ring A; Fig. 4, a top view of the ring, showing the notch *c*; Fig. 5, a side view of the upper end of one of the arms detached, enlarged; Fig. 6, a vertical section through the slot *b*, showing the arm engaged with the flange B.

This invention relates to an improvement in that class of lamps which are designed to be suspended from the ceiling, and in which the lamp is supported by two or more arms extending from above down to the fount-holder, this support is commonly called a "harp," and particularly to those fixtures of this class in which a ring surrounds the lower portion of the shade, the object being to attach the stationary arms directly to the ring upon which the lower edge of the shade rests, and suspend the lamp from that ring, instead of from the point above the shade, as in the more general construction. This ring is necessarily of large diameter, and if the arms be permanently attached thereto the fixture becomes very bulky, and, owing to the light character of the metal of which the ring and the arms or frame are composed, is liable to breakage in transportation and handling.

The object of my invention is the construction of the frame and ring so that they may be readily attached, yet substantially held in connection when set together in use; and it consists in the construction, as hereinafter described, and more particularly recited in the claim.

A represents the ring which surrounds the lower portion of the shade, and which is to be suspended by chains from above in the usual

manner of suspending this class of lamps. The ring is constructed with an internally-projecting horizontal flange, *a*, at its lower edge, and upon which the shade may rest, as seen in Fig. 6.

At two or more points on the ring, and from the under side, is a downwardly-projecting flange, B, made in any desirable or ornamental shape. In this flange, from the upper edge downward, is a vertical slot, *b*, corresponding to a notch, *c*, in the flange *a* of the ring, and so that the notch *c* through the flange of the shade-ring opens into the slot *b* below.

C C represent the arms of the frame or harp, and which carry the lamp-fount support in the usual manner. At their upper end the arms are constructed, as seen in Fig. 5, with a vertical slot, *d*, near the end, and which in width corresponds to the thickness of the flange B. This slot forms a hook, *e*, upon the extreme end of the arm, the extent of the hook being such that it may readily pass down through the notch *c* in the flange of the shade-ring and through the slot *b* in the upper part of the flange B, and so as to embrace the flange below the slot, as seen in Fig. 6, the extreme upper end of the arm coming substantially flush with the upper surface of the shade-ring flange *a*.

The two or more arms are set in place. When suspended, the shade D is set within the ring upon the flange *a*. The lower edge of the flange covers the notches *c* in the flange of the shade-ring, and so as to bear substantially upon the extreme upper end of the arm C, as seen in Fig. 6. The shade, therefore, serves as a means for holding the arms in their proper place and preventing the accidental raising of the arms to disengage them from their connection with the shade-ring.

To detach the arms, it is simply necessary to disengage the hook from the ring. Then the arms may lie flat upon the ring and the whole fixture be brought into a compact shape for transportation or packing; or if, when the lamp is suspended, it is desirable for any purpose to remove the harp, it is only necessary to first remove the shade and then lift the arms from their hooked engagement with the ring.

I am aware of Patent No. 298,800, and do not wish to be understood as claiming anything

shown or described therein; nor do I wish to be understood as claiming, broadly, a harp made detachable from its shade-ring.

I claim—

5 The combination of the shade-ring A, constructed with the inwardly-projecting flange *a*, to receive and support the shade from its lower edge, said flange constructed with two or more openings, *c*, the ring provided with
10 fixed downwardly-projecting flanges B, the said flanges B constructed with vertical slots *b*, corresponding to the openings *c* in the flange

a, with the harp, its upper ends constructed with a vertical slot, *d*, to form a hook, *e*, substantially as described, so that the upper ends 15 of said arms may be set through the opening in flange B and the hook *e* engage the said flange B through its slot, substantially as described.

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Witnesses:

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