(No Model.)

# J. A. HULL.

## LAMP FIXTURE.

No. 260,201. Patented June 27, 1882.

Fig 1.

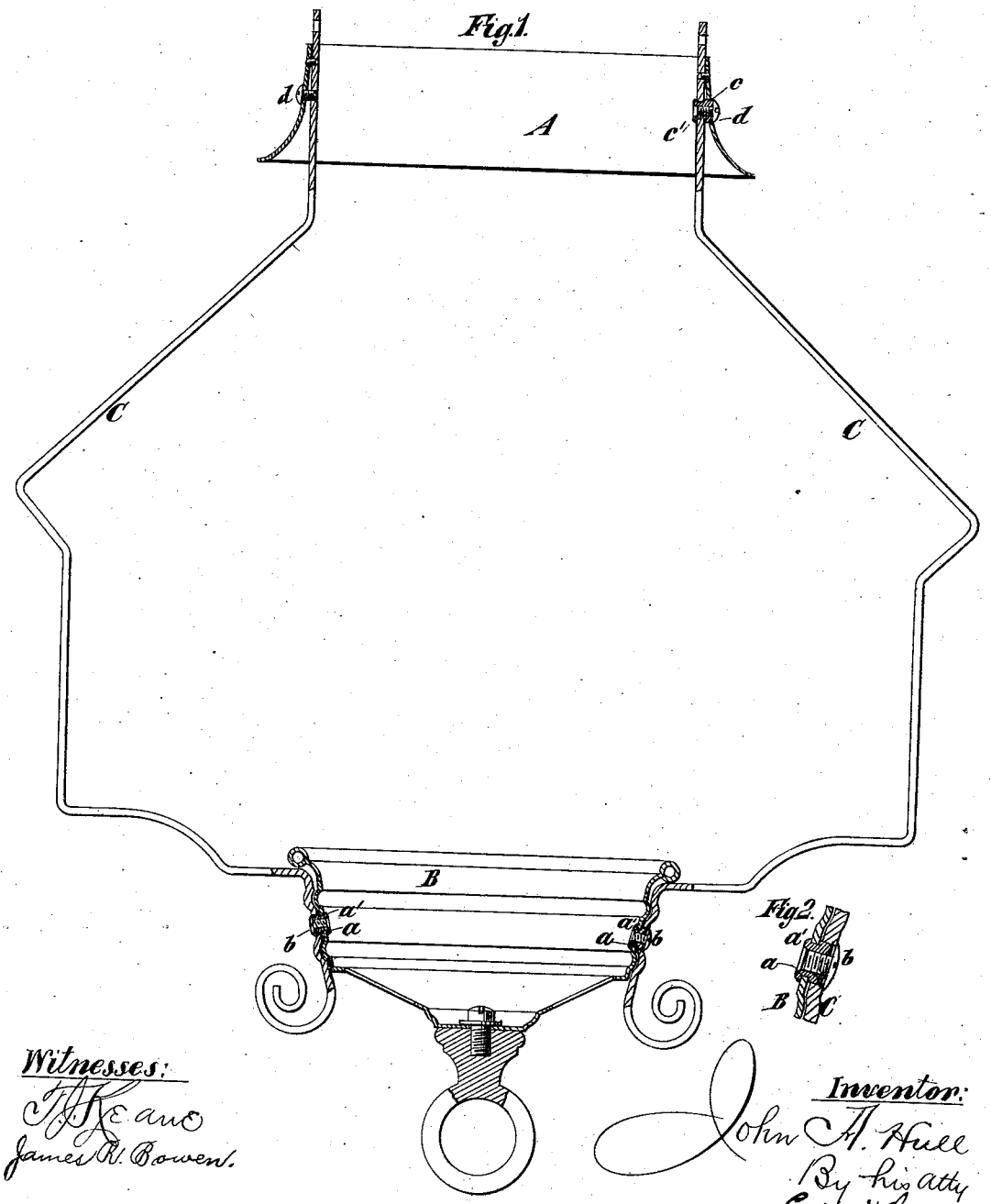


Fig 2.




Witnesses:
J. E. and
James R. Bowen.

Inventor:
John A. Hull
By his atty
Edwin H. Brown

# UNITED STATES PATENT OFFICE.

JOHN A. HULL, OF ANSONIA, CONNECTICUT, ASSIGNOR TO WOLCOTT A. HULL, OF NEW YORK, N. Y., AND THE ANSONIA BRASS AND COPPER COMPANY, OF ANSONIA, CONNECTICUT.

## LAMP-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 260,201, dated June 27, 1882.

Application filed April 10, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. HULL, of Ansonia, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Lamp-Fixtures, of which the following is a specification.

My improvement relates to lamp-fixtures of the kind which are composed of a number of pieces that are made separately and afterward secured together.

The object of my improvement is to provide a means for securing their component parts together, which shall be so simple that any one can with ease secure them together. Then I can ship the parts separate, and the purchaser can put them together on receiving them. This is of great advantage, in that large numbers can be packed in a given space, and much freight may be thereby saved.

My improvement consists in a lamp-fixture two parts of which are to be detachably connected, having an eyelet inserted through the inner part, a smooth hole in the outer part, adapting it to be readily slipped on and off the protruding part of the eyelet, and a screw inserted from outside the outer part into the eyelet and bearing against the said outer part, all being combined and organized so that the screw will secure said outer part on the eyelet, and the eyelet will prevent the outer part from movement in a direction transverse to the axis of the eyelet, and so that on the removal of the screw the outer part may be detached by simply moving it or the eyelet in a direction lengthwise of the axis of the eyelet, as hereinafter described. The eyelet and screw form a very desirable means for securing the arms of a lamp-fixture to the lamp-reservoir holder, which in such case constitutes the inner part. Preferably the eyelet will not be long enough to extend entirely through the part which is to be fastened to the part in which the eyelet is fitted, so that the screw may clamp the two parts tightly together.

In the accompanying drawings, Figure 1 is a sectional side view of a lamp-fixture embodying my improvement; and Fig. 2 is a transverse section of a portion of the lamp-reservoir holder thereof, and of an arm attached thereto, on a larger scale.

Similar letters of reference designate corresponding parts in both figures.

A designates a shade-holder, made preferably of sheet metal, and composed of a cylindric portion and a lower flange-like portion adapted to support a shade on its exterior.

B designates a lamp-reservoir holder, which is also preferably made of sheet metal, and may be of any suitable form.

C designates arms, which may be made of metal, and are attached to the interior of the cylindric portion of the shade-holder and to the exterior of the lamp-reservoir holder.

I will now describe in detail the means whereby the arms C are secured to the shade-holder A and lamp-reservoir holder B.

An eyelet, *c*, is fitted to the upper portion of the right-hand arm C, so as to protrude outwardly beyond the same, and it has a flange, *c'*, which fits against the inner side of this arm. The outer end of this eyelet is tapped so as to form a screw-socket. The cylindric portion of the shade-holder, which here constitutes the outer parts, is provided with a hole, which fits on the protruding portion of the eyelet, and a screw, *d*, inserted into the screw-socket of the eyelet from outside the shade-holder, secures the latter to the arm. Preferably the eyelet is not long enough to extend entirely through the shade-holder, so that the screw *d* may be made to clamp it to the arm. The left-hand arm is secured to the shade-holder by a screw, *d*, passing through the shade-holder and entering a tapped hole in the arm.

Eyelets *a* are applied to the lamp-reservoir holder from the inside, and have flanges *a'* bearing on the inner side. They protrude beyond the exterior of the holder and enter smooth holes in the arms, which here constitute the outer parts. They do not extend entirely through the arms; hence the screws *b*, when inserted, may clamp the arms to the holder.

It will be observed that the eyelet prevents the outer part, which it enters, from moving in a direction transverse to the axis of the eye-

let, and that when the screw is removed from the eyelet the outer part of the eyelet may be moved in a direction lengthwise of the axis of the eyelet to disconnect the parts.

It will be seen that by my improvement I provide a means for fastening the component parts of a lamp-fixture so simple that any one can fasten tham together, and hence that I can ship the parts separately and save much freight.

The lamp shown may be used as a hanging-lamp suspended by chains or tackle, or it may be used as a stand-lamp if the lamp-reservoir is provided with a suitable supporting base-piece.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a lamp-fixture having two parts which are to be detachably connected, an eyelet inserted through the inner part, a smooth hole in the outer part adapted to be readily slipped on and off the protruding part of the eyelet, and a screw inserted from outside the outer part into the eyelet and bearing against said outer part, all being combined and organized so that the screw will secure said outer part on the eyelet and the eyelet will prevent the outer part from movement in a direction transverse to the axis of the eyelet, and so that on the removal of the screw the outer part may be detached by simply moving it or the eyelet in a direction lengthwise of the axis of the eyelet, substantially as herein described.

2. In a lamp-fixture, the combination, with the lamp-reservoir holder B, of the eyelet *a*, inserted through the same from the inside, the arm C, having a smooth hole slipped upon the protruding end of said eyelet, and the screw *b*, entering the eyelet and bearing against the outer side of said arm, substantially as herein described.

JOHN A. HULL.

Witnesses:
EGBERT BAULETT,
REUBEN H. TUCKER.