

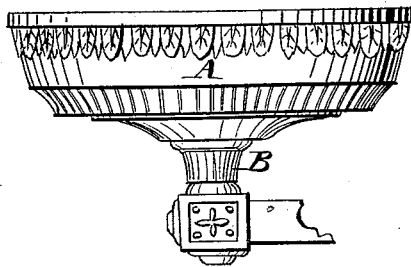
*N. L. Bradley,*

*Lamp Bracket.*

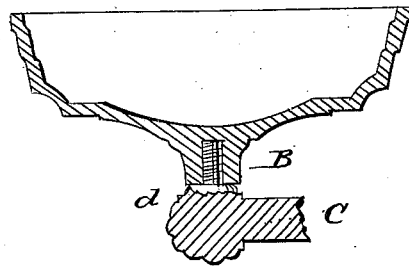
*No. 111,430.*

*Patented Jan. 31, 1871.*

*Fig. 1.*



*Fig. 2.*



Witnesses:

*J. H. Shumway*  
*A. J. Libbitts*

Inventor:

*Nathaniel L. Bradley*  
*By his Attorney*  
*John E. Fall*

# United States Patent Office.

NATHANIEL L. BRADLEY, OF MERIDEN, CONNECTICUT, ASSIGNOR TO  
BRADLEY & HUBBARD, OF SAME PLACE.

Letters Patent No. 111,430, dated January 31, 1871.

## IMPROVEMENT IN CUPS FOR KEROSENE-LAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, NATHANIEL L. BRADLEY, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Cups for Kerosene-Lamps; and I do hereby declare the following, when taken in connection with the 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.

Figure 2, a vertical central section.

This invention relates to an improvement in the cup which is applied to brackets or chandeliers for the support of the bowl or fountain of kerosene-lamps.

It is well known that in the use of kerosene-lamps it is impossible to prevent the overflow of oil. Heretofore the cups for such fountains have been drilled and tapped through so as to be screwed onto the bracket, the bottom of the cup being slightly if any thicker than at any other part.

As the oil drips over the outside of the fountain it necessarily concentrates in the center of the cup, and, the screw extending through, the oil soon works its way around the thread and drips from the bracket. This difficulty has prevented the use of this class of burners for first-class purposes, and whenever used it is

found necessary to often wipe the bracket or wind some absorbent around the bracket to take the oil.

To overcome these difficulties is the object of my invention, which consists in forming a socket on the under side of the cup, so that the bearing for the screw may be formed entirely outside the cup and thus give a solid bottom.

A is the cup.

B, the socket.

C, the bracket-arm, upon which is formed a screw, *d*.

The socket is drilled and tapped to correspond to the screw *d*, and the socket is entirely below the cup, so that the bottom of the cup is not perforated; hence all liability for the oil which flows into the cup to escape is avoided, and I make practical an important branch of manufacture which has heretofore been hindered from the impracticability of its construction.

I claim as my invention—

In the manufacture of cups for kerosene-lamps the arrangement of the socket B upon the bottom of the cup, so as to form a bearing entirely below the bottom of the cup, substantially in the manner and for the purpose set forth.

NATHANIEL L. BRADLEY.

Witnesses:

J. H. SHUMWAY,

A. J. TIBBITS.