

J. H. HOBBS.

PRESSED GLASS TRIMMINGS FOR CHANDELIERS, BRACKETS, &c.

No. 182,072.

Patented Sept. 12, 1876.

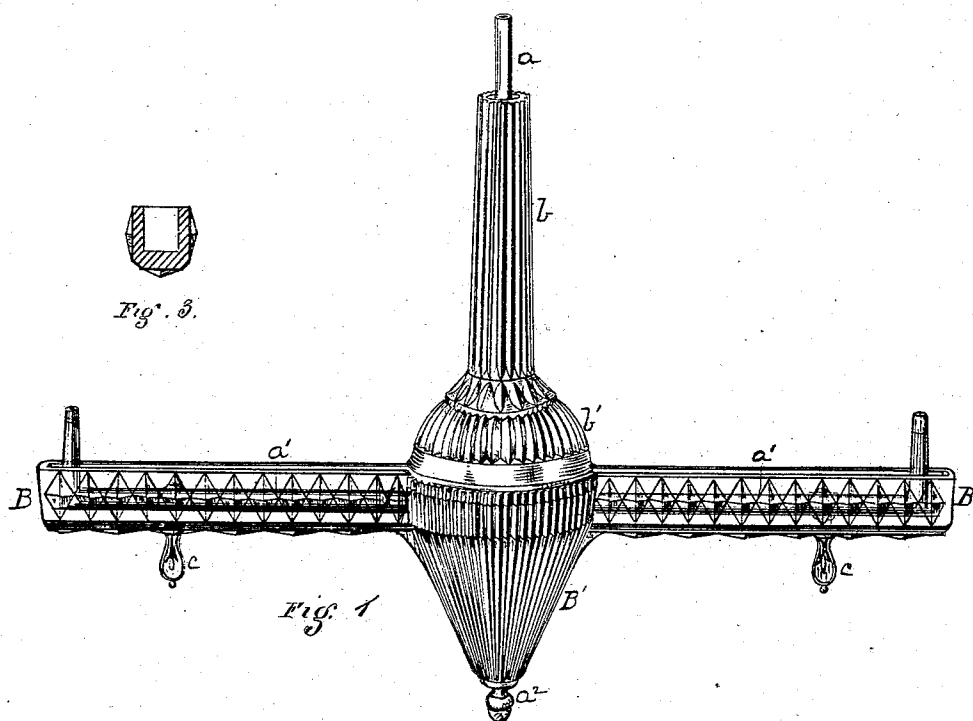
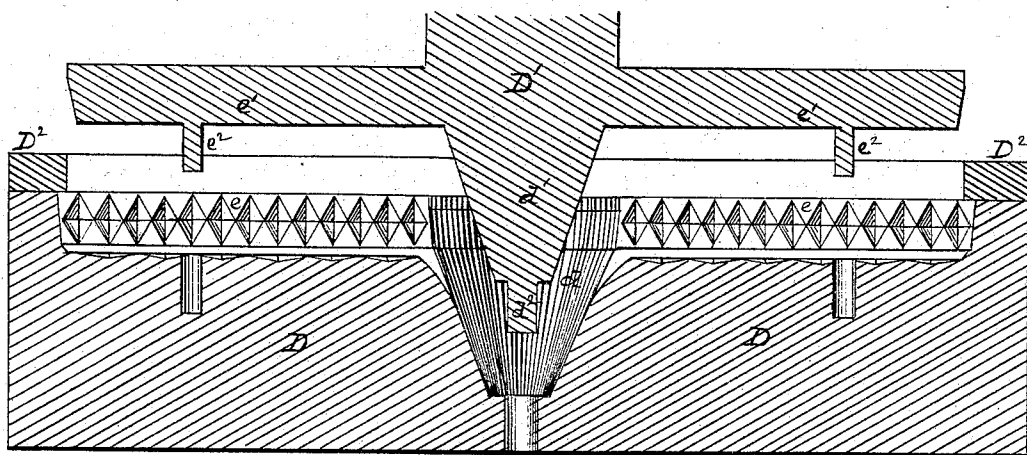


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN H. HOBBS, OF WHEELING, WEST VIRGINIA.

IMPROVEMENT IN PRESSED-GLASS TRIMMINGS FOR CHANDELIERS, BRACKETS, &c.

Specification forming part of Letters Patent No. **182,072**, dated September 12, 1876; application filed August 24, 1876.

To all whom it may concern:

Be it known that I, JOHN H. HOBBS, of Wheeling, county of Ohio, State of West Virginia, have invented or discovered a new and useful Improvement in Pressed-Glass Trimmings for Chandeliers and Brackets; and I do hereby declare the following to be a full, clear, concise, and exact description thereof, reference being had to the accompany drawing, making a part of this specification, in which—like letters indicating like parts—

Figure 1 is a side elevation of the lower part of a two-bracket chandelier, showing my improvement applied thereto in one of the many forms of its application. Fig. 2 is a sectional view of a mold in which the bracket-mounting of Fig. 1 is made; and Fig. 3 is a transverse sectional view of the open-sided bracket-mounting thus produced.

My improvement relates to pressed-glass mountings or trimmings to be applied to and used on the metallic bracket-arms and gas-ways of chandeliers, wall-brackets, &c. Such mountings or trimmings I make, preferably, U-shaped or V-shaped, or open on at least one side, so that they may be placed laterally onto the brackets or bracket-arms, there to be held in place in any convenient way. Such open-sided mountings or trimmings may be made either plain or with any desired design thereon, or more or less open on the sides intended to inclose the metallic bracket pipes or arms, such varied features to be secured by the proper conformations of the mold-cavity and plunger-face, though the sand-blast, grinding, &c., may be employed on the pressed article, if so desired, to give it further ornamentation.

The object of my invention is to produce chandeliers and wall-brackets having the neatness and finish of hand-made glass-work, but at a greatly reduced cost, so as to bring such articles within the reach of many who are unable to buy the more costly article.

In chandelier and wall brackets three sides only are commonly exposed to sight. Hence a U-shaped mounting, laterally applied from below to the metallic gas-pipe or bracket-arm, will secure for it the desired covering, and give it the desired ornamental appearance and finish.

In the drawing, *a* represents the central stem of a chandelier, consisting of gas-pipe, and the gas-pipe bracket-arms *a'* radiate therefrom at its lower end, in any desired number. The stem *a* is ornamented and inclosed by pressed-glass tubular rings *b*, ending in an ornamental pressed-glass center-piece, *b'* *B'*. But such of these mountings as are tubular form the subject-matter of another application, and are not claimed herein.

The length and shape of the bracket-arms *a'* being fixed, I make a mold, *D D'*, of corresponding length and shape of cavity and plunger, for the pressing of an open-sided trimming or mounting, *B B'*.

As shown in the drawing, *d* is the cavity and *d'* the plunger, which shapes the open-topped lower part *B'* of the center-piece, and *e e'* are the cavity and plunger which form the U-shaped mountings *B B'*, which are to be applied to the bracket-arm *a' a'*. The work of pressing is done in the ordinary way. *D²* is the ring-plate. The projection *d²* makes a hole through the lower end of the bottom part *B'* of the center-piece, so that by an extension of the stem *a* and a nut, *a²*, screwed thereon, such lower part *B'* of the center-piece may be secured in place. The projections or mandrels *e²* also pass, at the proper points, through the bottoms of the U-shaped mountings *B*, so as to provide holes therein for the attachment of the gas-cocks *c*, which latter, bearing against the under side of the mountings *B*, after the latter are in place, assist in holding them in position. The cavity of the female part of the mold may have the ornamental design shown, or other desired style of ornamentation, on its walls.

The form and style of such open-sided pressed-glass trimmings or mountings may be varied to suit the varied shapes of chandelier and wall brackets in use, as well as the taste of designer. Other means of attachment may likewise be employed; nor is it essential that the lower half of the center-piece be pressed along with the bracket-mountings, as these parts may be made separate. Where transparent glass is employed, the gas-pipe or bracket-arms are preferably plated or otherwise protected as against oxidation; but this need not be done where glass is employed

which is opaque or highly colored, or to which a frosted surface is given.

The present application is confined to the article produced, so that the mold and plunger described will form the subject-matter of a separate application; and, in so far as relates to the combination of center-piece, bracket-mountings, bracket-arms, and central supporting-pipe, the bowl-shaped center-piece may be separately made, and either pressed, as described, or blown in the usual way, the bracket-mountings being pressed.

I claim herein as my invention—

1. Open-sided pressed-glass trimmings or mountings, constructed for attachment to brackets and bracket-arms, substantially as set forth.

2. In combination with radial brackets *a*¹,

pressed-glass U-shaped attachments B and open-topped pressed-glass center-piece B', substantially as set forth.

3. In combination with a pressed or blown glass bowl-shaped center-piece, with hole in the bottom, or other suitable means of attachment to a supporting-stem, *a*, two or more outwardly-extending pressed-glass trimming-pieces, which shall inclose or ornament the bracket-tubes or arms to which they are applied, substantially as set forth.

In testimony whereof I have hereunto set my hand.

JOHN H. HOBBS.

Witnesses:

J. J. McCORMICK,

GEORGE H. CHRISTY.