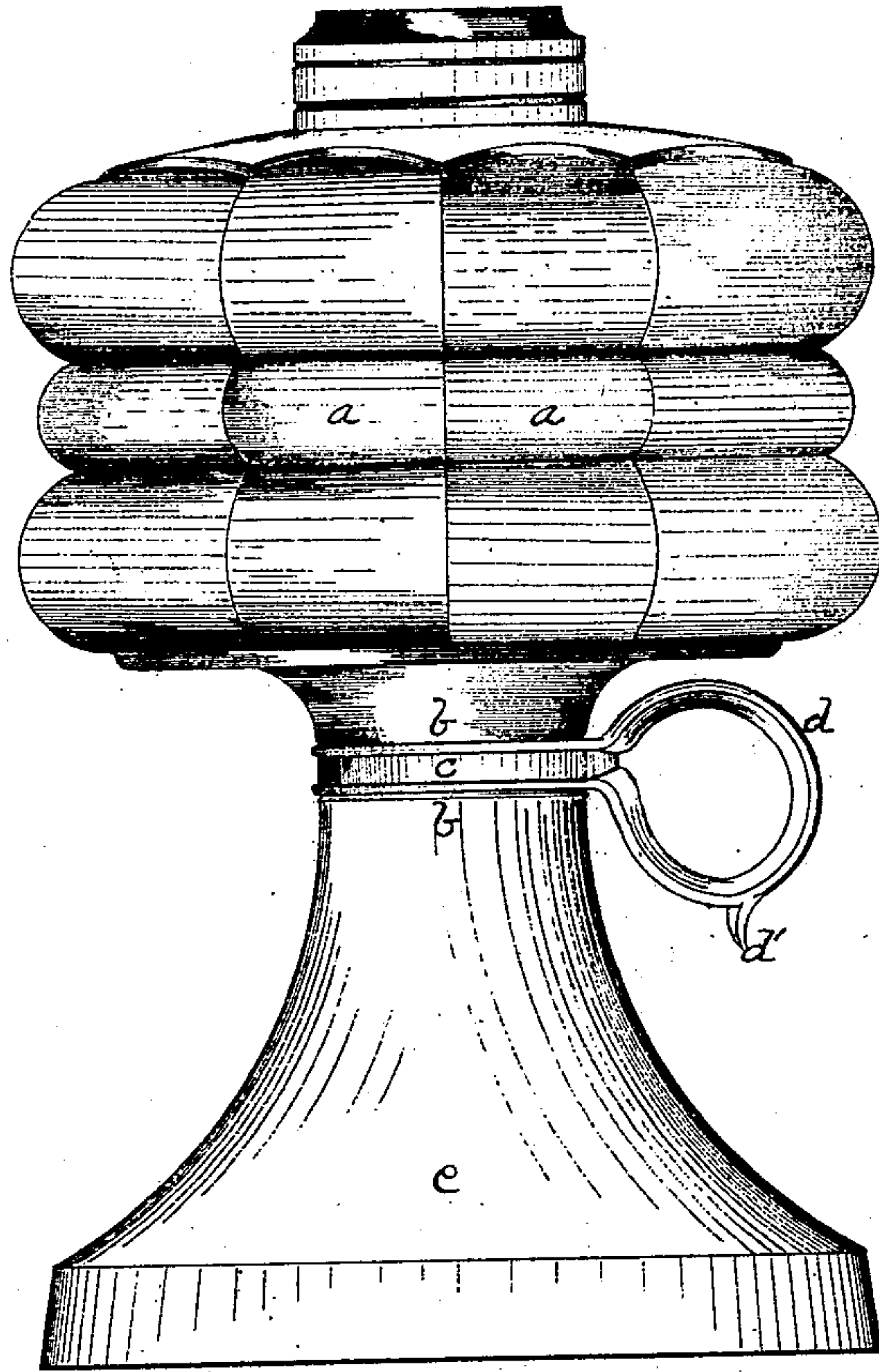


J. ADAMS.
Glass Lamp.

No. 110,815.

Patented Jan'y 10, 1871.



Witnesses:

Thos B Kerr

R. C. Wrenshall

Inventor:

John Adams

by his attorneys

Bakewell & Christy

UNITED STATES PATENT OFFICE.

JOHN ADAMS, OF BIRMINGHAM, PENNSYLVANIA.

IMPROVEMENT IN GLASS LAMPS.

Specification forming part of Letters Patent No. **110,815**, dated January 10, 1871.

To all whom it may concern:

Be it known that I, JOHN ADAMS, of the borough of Birmingham, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in the Manufacture of Glass Lamps; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, which is a side view of a glass lamp, showing my improvement.

Like letters of reference indicate like parts in each.

My invention consists in attaching a metallic handle to the stem of a glass lamp, the manner of doing which I will now proceed to describe.

The bowl of the lamp is represented at *a*, and around the stem *b* is the eye *c* of the handle *d*, below which is the foot or stand *e* of the lamp. The eye *c* of the handle is solid, and is attached to or placed around the stem *b* by interposing it between the foot and the bowl cavity of the mold, so that when the bowl *a* is blown the peg of the latter shall unite firmly with the glass of the foot through the eye *c*. The eye *c* is thus securely attached to the stem *b* in a groove between the bowl and the foot of the lamp.

If desired, the tang *d'* of the handle may enter the glass of the foot *e*. This can be done by making a tang long enough and by pressing into the foot when the glass is soft, or by making a notch in the foot into which the end of the tang may enter.

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

1. In the manufacture of glass lamps, the manner of attaching a metallic handle to the lamp-stem between the bowl and foot by interposing the eye of the handle between the foot and bowl cavity of the mold, so that with the blowing of the bowl the peg of the latter shall make a firm union with the glass of the foot through the eye of the handle, substantially as described.

2. As an improved article of manufacture, a glass lamp having a metallic handle, with a solid eye attached between the bowl and foot.

In testimony whereof I, the said JOHN ADAMS, have hereunto set my hand.

JOHN ADAMS.

Witnesses:

A. S. NICHOLSON,
THOS. B. KERR.