

(No Model.)

A. D. SEAMON & A. WILSON.
MANUFACTURE OF BULL'S-EYE LANTERNS.

No. 507,849.

Patented Oct. 31, 1893.

Fig. 2.

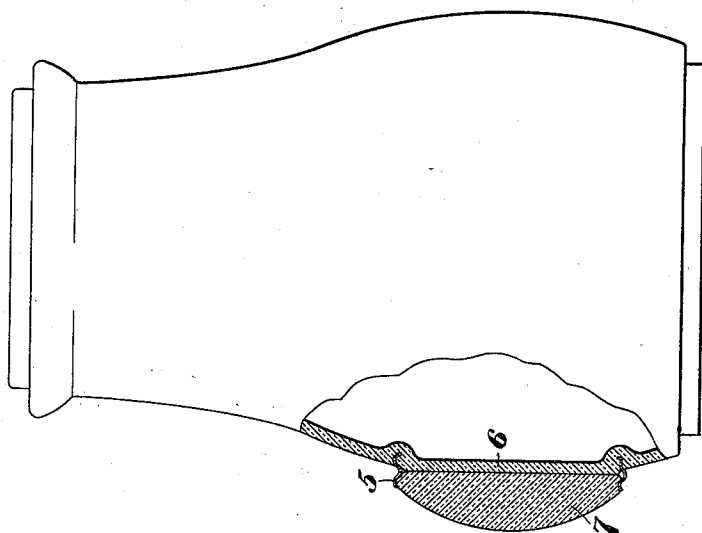
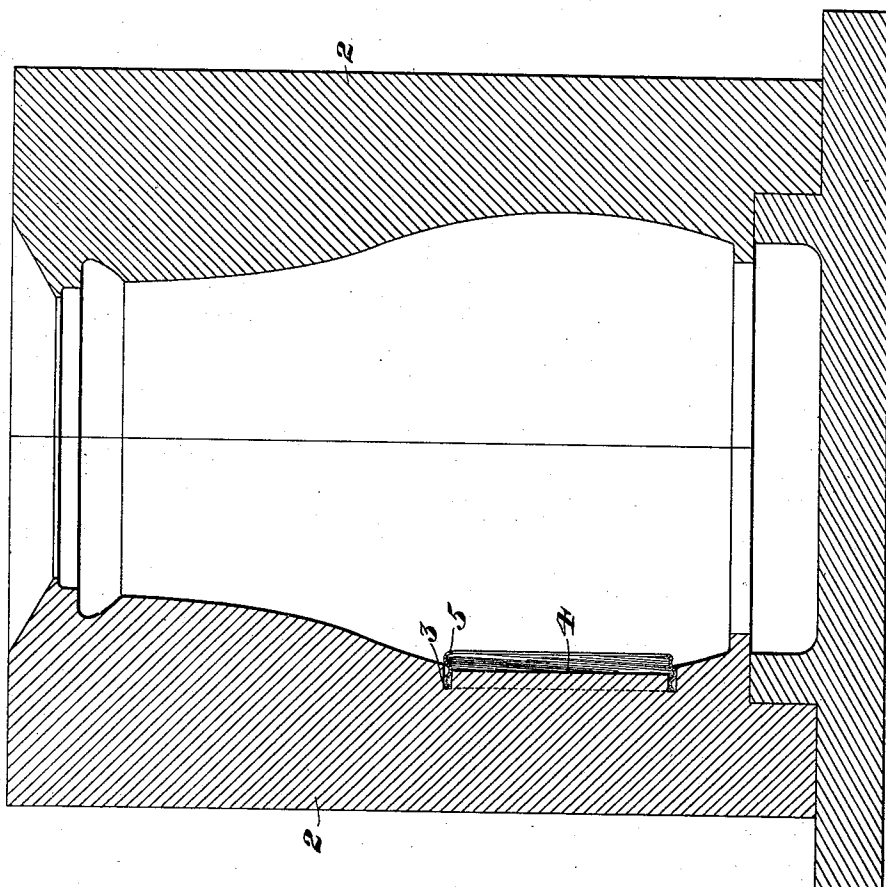


Fig. 1.



WITNESSES

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UNITED STATES PATENT OFFICE.

ANDREW D. SEAMON AND AMOS WILSON, OF MARTIN'S FERRY, OHIO.

MANUFACTURE OF BULL'S-EYE LANTERNS.

SPECIFICATION forming part of Letters Patent No. 507,849, dated October 31, 1893.

Application filed April 24, 1893. Serial No. 471,578. (No specimens.)

To all whom it may concern:

Be it known that we, ANDREW D. SEAMON and AMOS WILSON, of Martin's Ferry, in the county of Belmont and State of Ohio, have invented a new and useful Improvement in the Manufacture of Bull's-Eye Lanterns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical sectional view of the mold, and Fig. 2 is an elevation of the globe showing the bull's-eye in section.

In the drawings, 2 represents a lantern globe-mold of the ordinary form and construction, in the interior bilge of which, however, is an annular groove or recess 3, within which the mold has a flat annular face 4.

In the manufacture of our improved globes, we place an annular metallic ring 5 in the groove 3, so that the edge of the ring shall project slightly from the recess. We then blow the globe in the mold in the usual manner and the glass inclosing the projecting edge of the ring. The ring is firmly secured in the side of the globe, and the outer face of the globe within the ring is formed with a smooth flat annular portion 6.

The glass bull's-eye or lens 7, which is of the same diameter as the interior of the ring, is formed as a separate piece by being pressed, and may be ground or polished, and is then inserted in the ring 5, which projects from the outer face of the globe, and the edges of the ring are turned down over the edges of the bull's-eye so as to retain the flat face of the same against the flat face of the globe within the ring. Instead of turning down the edges of the ring over the edges of the bull's-eye,

the ring may be provided with a female thread adapted to engage with the edge of the bull's-eye.

The advantages of our invention will be apparent to those skilled in the art. By forming the bull's-eye separately from the globe or chimney, it is capable of being ground and polished, and in case of the globe or chimney being broken, the bull's-eye may be removed and placed in another globe.

What we claim, and desire to secure by Letters Patent, is—

1. The herein-described method of forming bull's-eye globes or chimneys, consisting in blowing the globe about a portion of a metallic ring in the mold; forming the bull's-eye separately from the globe, and securing the bull's-eye within the projecting portion of the ring; substantially as described.

2. The herein-described method of forming bull's-eye globes or chimneys, consisting in blowing the globe about a portion of a metallic ring in the mold; pressing the bull's-eye separately from the globe, polishing the bull's-eye; and securing the bull's-eye within the projecting portion of the ring on the outer face of the globe; substantially as described.

3. A mold for bull's-eye globes and chimneys, having an annular recess 3, arranged to receive a ring and a flat portion 4 on its inner face within the recess; substantially as described.

In testimony whereof we have hereunto set our hands.

A. D. SEAMON.
AMOS WILSON.

Witnesses:

ANDREW W. KERR,
T. E. PUGH.