

P. E. WASHBURNE.  
Stove-Door Knob.

No. 168,858.

Patented Oct. 19, 1875.

Fig. 1.

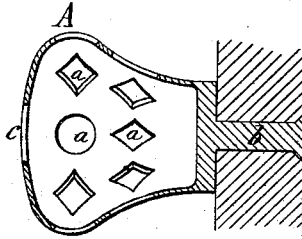
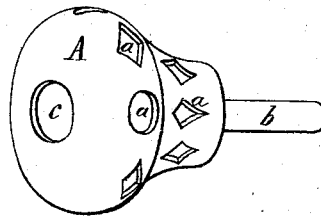


Fig. 2.



Edward Wilhelm  
Jno J. Bonner  
Witnesses

P. E. Washburne, Inventor  
by Jay Hyatt  
Atty.

# UNITED STATES PATENT OFFICE.

PLINY E. WASHBURNE, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF HIS RIGHT TO CHARLES A. BABCOCK, OF SAME PLACE.

## IMPROVEMENT IN STOVE-DOOR KNOBS.

Specification forming part of Letters Patent No. **168,858**, dated October 19, 1875; application filed June 15, 1875.

*To all whom it may concern:*

Be it known that I, PLINY E. WASHBURNE, of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Knobs for Stove-Doors, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The invention consists of a metallic knob, having a hollow perforated head, forming the knob proper, and a shank for securing it to the door, cast with the same, as hereinafter described, the perforations of the knobs permitting a free circulation of the air, which maintains the knob at a comparatively low temperature.

In the accompanying drawings, Figure 1 is a vertical section of my improved door-knob, and Fig. 2 a perspective view thereof.

A represents the metallic head of the knob, cast hollow, and provided with openings or perforations *a*, of sufficient size and number to permit a free circulation of air through the head. *b* is the shank, by which the head A is secured to the door of the stove. It is either cast in one piece with the head A, of malleable metal, or it is made of wrought-iron, and the head A cast around it, so that the knob can be secured in place by riveting. If

preferred, however, the end of the shank *b* may be provided with a screw-thread and nut for securing the knob to the door. *c* represents a hole formed in the front side of the head A, in line with the shank *b*, to permit the insertion of a tool into the head A for supporting it as the shank is riveted to the stove-door.

My improved knob for doors of stoves presents a very neat appearance, and is durable and cheap of construction, while the circulation of air through the head of the knob maintains the same at a low temperature, which permits it to be handled with great convenience.

What I claim as my invention is—

1. A ventilated metallic knob for doors of stoves, consisting of a hollow perforated head, A, and shank *b*, cast in one piece, substantially as and for the purpose hereinbefore set forth.

2. The combination, with the hollow perforated head A and shank *b*, of the hole *c*, to receive the end of a riveting-tool, substantially as hereinbefore set forth.

PLINY E. WASHBURNE.

Witnesses:

JNO. J. BONNER,  
EDWARD WILHELM.