(No Model.)

S. ABBOTT.

DAMPER HANDLE.

No. 369,309. Patented Sept. 6, 1887.

Fig: 1.

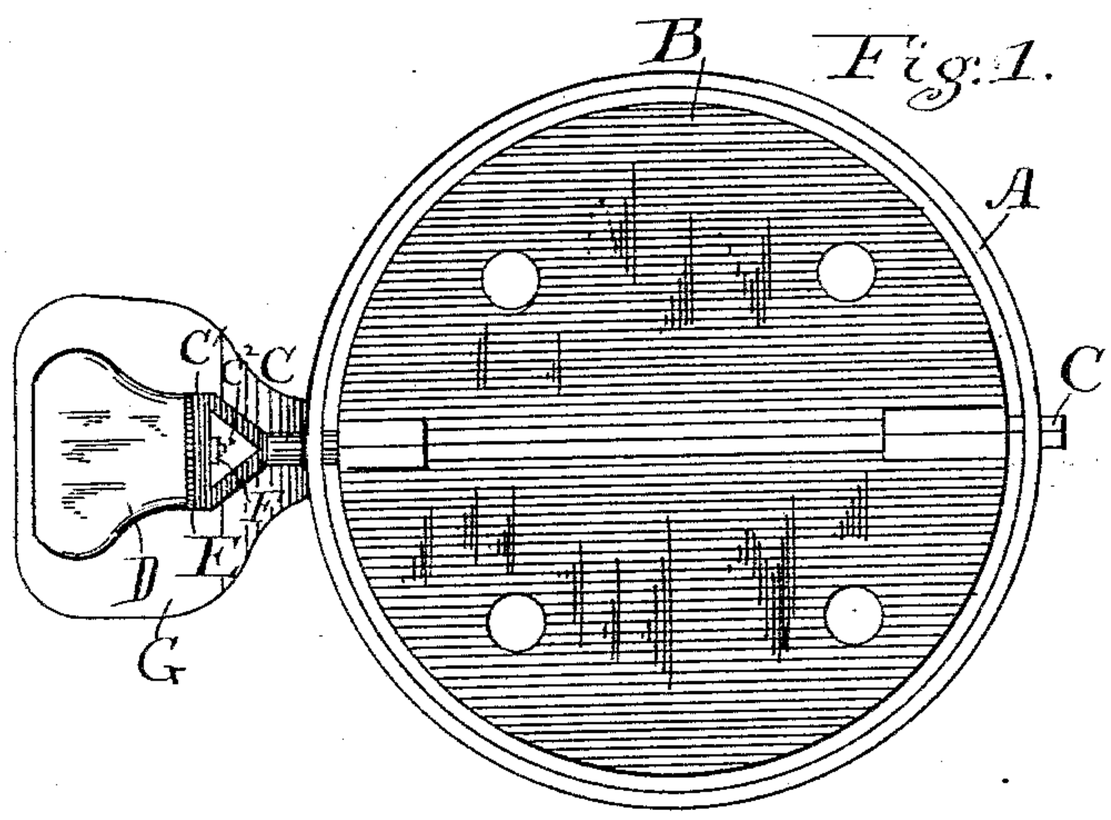


Fig. 2.

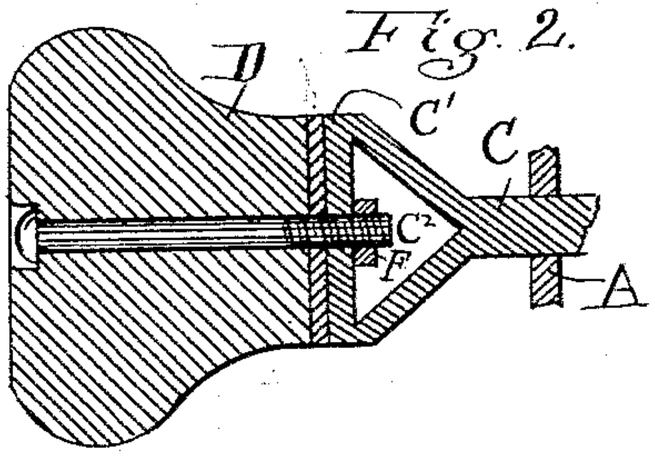
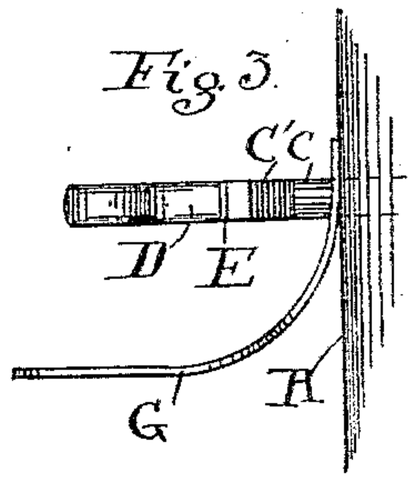


Fig. 3.



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UNITED STATES PATENT OFFICE.

SOLON ABBOTT, OF BIDDEFORD, MAINE.

DAMPER-HANDLE.

SPECIFICATION forming part of Letters Patent No. 369,309, dated September 6, 1887.

Application filed January 12, 1887. Serial No. 224,096. (No model.)

To all whom it may concern:

Be it known that I, SOLON ABBOTT, a citizen of the United States, residing at Biddeford, in the county of York and State of Maine, have invented certain new and useful Improvements in Damper-Handles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention is a damper for stove-pipes; and it consists in the application to such damper of an insulated and non-conducting handle and a heat-deflecting guard located in such a manner as to protect the handle from the radiated heat of the stove or funnel.

My invention is illustrated in the accompanying drawings, in which Figure 1 represents an elevation of my device as applied to a stove-damper. Fig. 2 shows enlarged view of the handle and adjacent parts and illustrates the manner of constructing the device. Fig. 3 is a side elevation.

A represents the pipe, B the damper, and C the damper rod or spindle.

The damper-rod C is enlarged to the form of an open triangle having one of its straight sides C′ at right angles to the rod. To this straight side C′ is bolted the knob D, of wood or other non-conducting material, a washer, E, of asbestus or similar material, being interposed between the knob and the side C′. The nut F thus comes within the space C^2, formed on the interior of the triangular end of the rod C.

A heat-deflecting shield or guard, G, is secured to the pipe near the damper-handle. This guard is so turned as to come between the damper-handle and the heat-reflecting surface of the stove. It is made of bright or highly-polished metal—such as tin or Russia iron, so that the heat is reflected and thrown from its surface and the damper-handle effectually shielded.

Damper-handles are situated in the hottest part of a stove, and as they have hitherto been constructed no protection has been afforded to the hand when the handle was to be turned. By the use of my device the hand may be applied to the damper-handle without danger of burning.

The non-conducting washer composed of some material which is unaffected by heat enables me to employ such material as wood for the handle—a material which is affected by direct contact with a heated stove.

I claim—

As a new article of manufacture, a stove-damper having a damper-rod one end of which is formed into an open triangle with one side at right angles to said rod, and a wooden knob bolted thereto, with an intervening washer of asbestus or other like material, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SOLON ABBOTT.

Witnesses:

NATHANIEL B. WALKER,

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