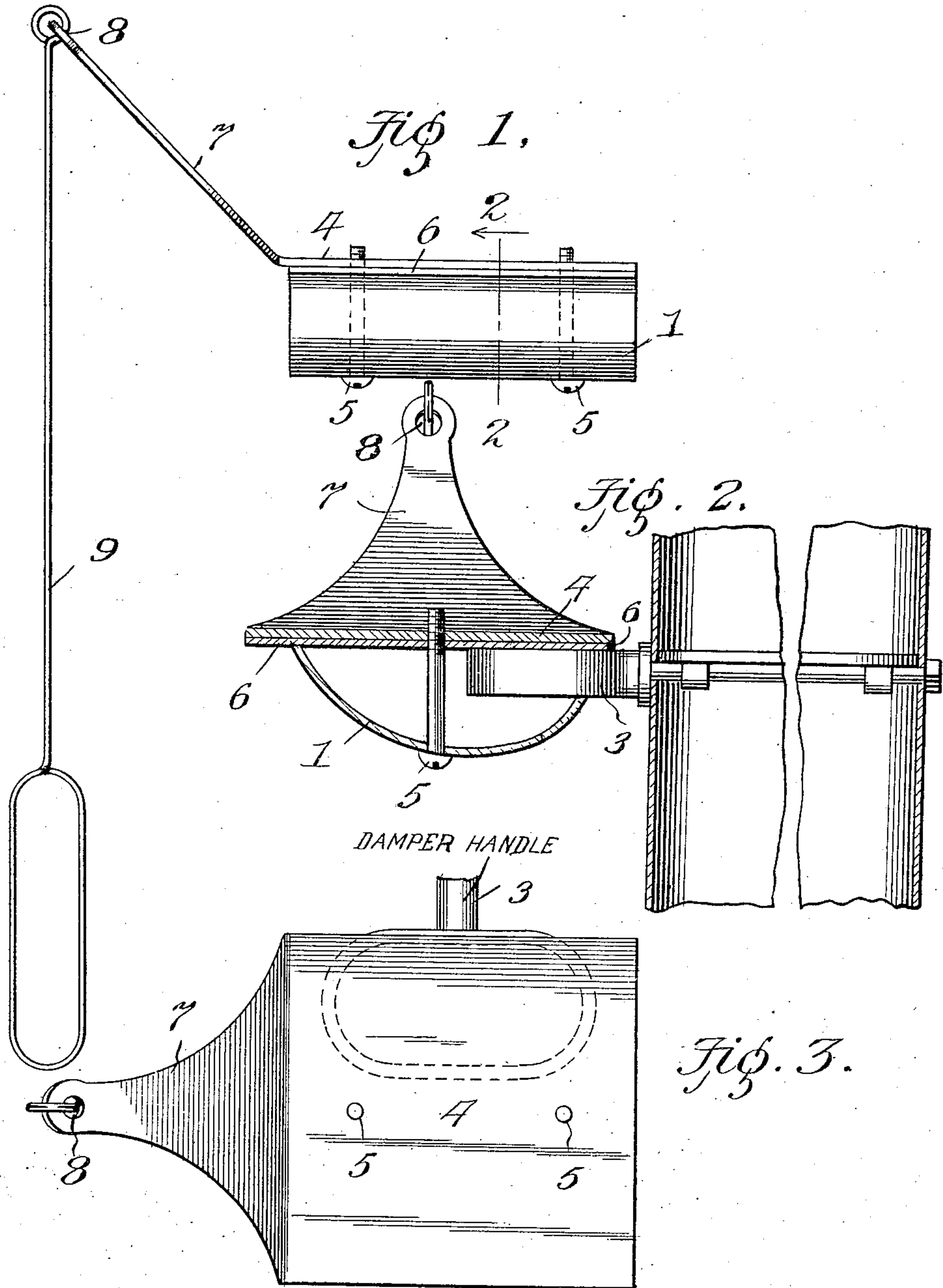


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J. W. REYNOLDS.
DAMPER ATTACHMENT.
APPLICATION FILED MAR. 26, 1907.



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JOHN W. REYNOLDS, OF PROCTOR, VERMONT.

DAMPER ATTACHMENT.

No. 869,806.

Specification of Letters Patent.

Patented Oct. 29, 1907.

Application filed March 26, 1907. Serial No. 364,675.

To all whom it may concern:

Be it known that I, JOHN W. REYNOLDS, a citizen of the United States, residing at Proctor, in the county of Rutland and State of Vermont, have invented new and useful Improvements in Damper Attachments, of which the following is a specification.

This invention relates to attachments for stove-pipe dampers; and it has for its object to provide a simple and efficient device, capable of being applied to all descriptions of dampers, and by means of which a damper that is otherwise out of reach may be conveniently operated.

Further objects of the invention are to simplify and improve the construction and operation of this class of devices.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention; it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the invention may be resorted to when desired.

In the drawing, Figure 1 is a side view of the improved damper attachment. Fig. 2 is a transverse sectional view taken on a plane indicated by the line 2—2 in Fig. 1, and showing the device applied in position for operation, upon the handle of a damper. Fig. 3 is a top plan view.

Corresponding parts in the several figures are denoted by like characters of reference.

The improved damper attachment comprises a base plate 1 which may be of the approximately semi-circular shape in cross-section shown in Fig. 2 of the drawings, and which is adapted to engage the underside of the handle 3 of an ordinary stovepipe damper; said plate being sufficiently large to accommodate any of the sizes and forms of handles that are commonly used.

A cap plate 4 is mounted adjacent to the upper, concave side or face of the base plate, with which it is connected by fastening members such as screws 5 passing

vertically through the said plates. A pad 6 which may be made of sand paper or emery paper or which may be otherwise provided with a rough surface is interposed between the base plate 1 and the cap plate 4 for the purpose of exercising a frictional or gripping action upon the handle 3 which has been introduced between said plates, thus causing the appliance to be held securely upon the handle when the bolts or fastening members 5 are tightened.

The cap plate 4 is provided at one end with an extension or arm 7 which is upturned at an angle of approximately 45 degrees, and said arm is provided near its other extremity with an eye 8 through which an operating rod 9 is suitably connected.

When the improved device or attachment is mounted upon the handle of a damper which is otherwise out of reach, said damper may be conveniently operated or moved to an open or closed position by means of the operating rod 9. The device may be readily applied to dampers having handles of various sizes and shapes, as well as to dampers having "right" or "left" handles, the curved base plate being provided with gripping edges along the two sides thereof.

Having thus fully described the invention, what I claim as new is:—

1. In a damper operating device, a transversely curved base plate, a cap plate having an arm or extension, an operating rod connected with the latter and clamping means connecting the cap plate with the base plate to secure the same upon the handle of a damper.

2. In a device of the class described, a transversely curved base plate, a cap plate having an arm or extension, an operating rod connected with said arm, a friction pad interposed between the base plate and the cap plate adjacent to the latter, and clamping means connecting the cap plate with the base plate to secure the same upon the handle of a damper.

3. In a device of the class described, a concave-convex transversely curved base plate, a cap plate having an arm or extension provided with a terminal eye, a friction pad interposed between the base plate and the cap plate, clamping screws extending through the base plate and the cap plate, to secure the same upon the handle of a damper and an operating rod connected with the arm extending from the latter.

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

JOHN W. REYNOLDS.

Witnesses:

M. FISCHER,

LATHROP H. BALDWIN.