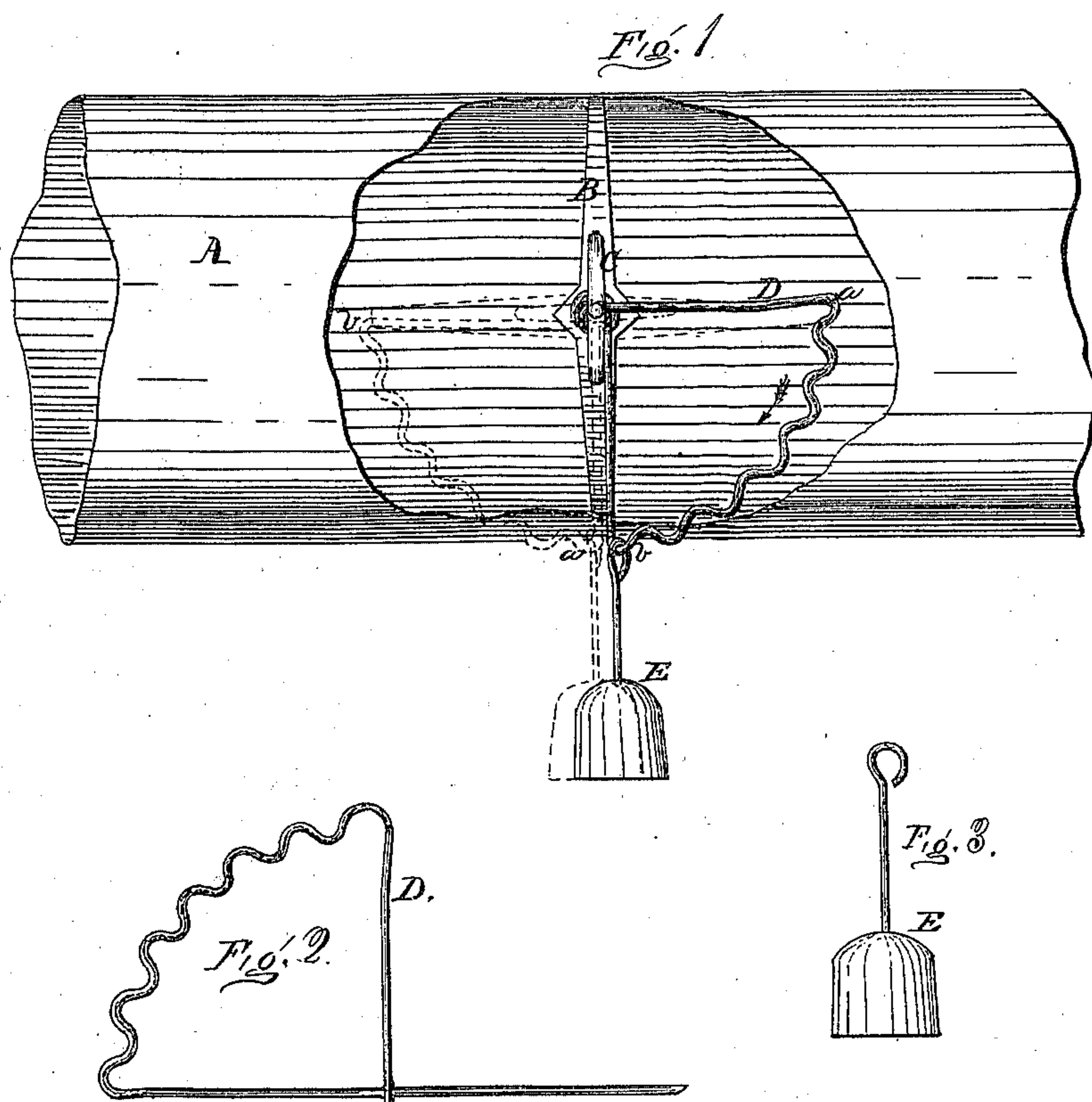


M. F. MOODY.

Improvement in Stove-Pipe Dampers.

No. 131,963.

Patented Oct. 8, 1872.



Witnesses

E. H. Johnson

C. C. Dirgin

Inventor

Moses F. Moody

per C. C. Dirgin  
att'y

# UNITED STATES PATENT OFFICE.

MOSES F. MOODY, OF ANDOVER, NEW HAMPSHIRE.

## IMPROVEMENT IN STOVE-PIPE DAMPERS.

Specification forming part of Letters Patent No. 131,963, dated October 8, 1872.

*To all whom it may concern:*

Be it known that I, MOSES F. MOODY, of Andover, in the county of Merrimack and State of New Hampshire, have invented an Improved Device for Regulating Dampers in Stove-Pipes, &c., of which the following is a specification:

### *Nature and Objects of the Invention.*

My said invention is designed to be applied to the spindle of an ordinary stove-damper; and it consists in a corrugated wire provided with a weight or equivalent; and it has for its object to hold the stove-damper in any desired position in the pipe, as will be fully hereafter set forth.

### *Description of the Drawing.*

Figure 1 is a vertical side elevation of my device, showing the manner of its application to a damper-spindle; Fig. 2 shows the device detached from the spindle; and Fig. 3 shows the weight used.

### *General Description.*

A shows an ordinary stove-pipe, and B a damper placed therein and revolving with the spindle C, as usual. In the thumb-piece of the spindle, the piece shown in the drawing, a hole is drilled sufficiently large to allow the part *c* of the wire segment D (see Fig. 2) to pass through it. This piece having been passed through the hole in the spindle, it is

wound around it sufficiently to keep the corrugated wire firmly in its place, and the weight E is then hung by a wire hook in any of the corrugations or depressions, and the damper will take a position according to which depression in the segment the weight is hung. The segment is made at a right angle, so that by suspending the weight at the corner *b* the damper will be perpendicular, and by changing its position to *a* the damper is brought to a horizontal bearing, and is therefore open, and by suspending the weight midway between these points the damper takes a position of forty-five degrees, and thus it may be regulated at pleasure to any angle by simply changing the place of the weight on the wire segment. It will be readily seen that the weight may be dispensed with and a pin, spring, &c., employed to retain the segment in any desired position, and therefore I do not confine myself to its use.

### *Claim.*

The attachment for stove-dampers, consisting of the corrugated segment D and weight or equivalent for holding the damper in any desired position in the pipe, substantially as described and specified.

MOSES F. MOODY.

Witnesses:

LUTHER SAWYER,  
C. H. MERRILL.