E. H. CLINTON & W. H. LAVINIA.

Improvement in Combined Stove-Pipe Dampers and Shelves.

No. 115,025. Patented May 23, 1871.

Fig. 1.

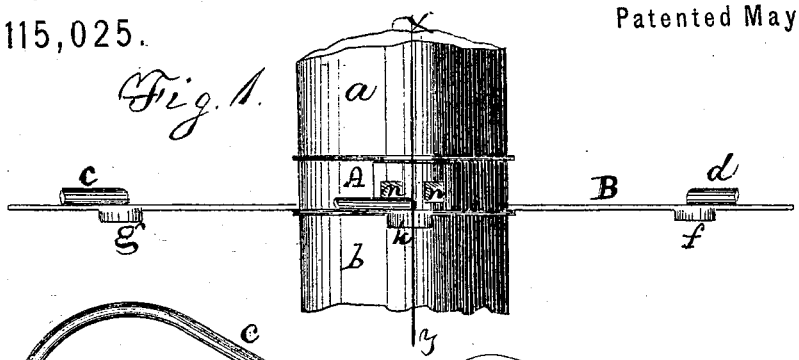

Fig. 2

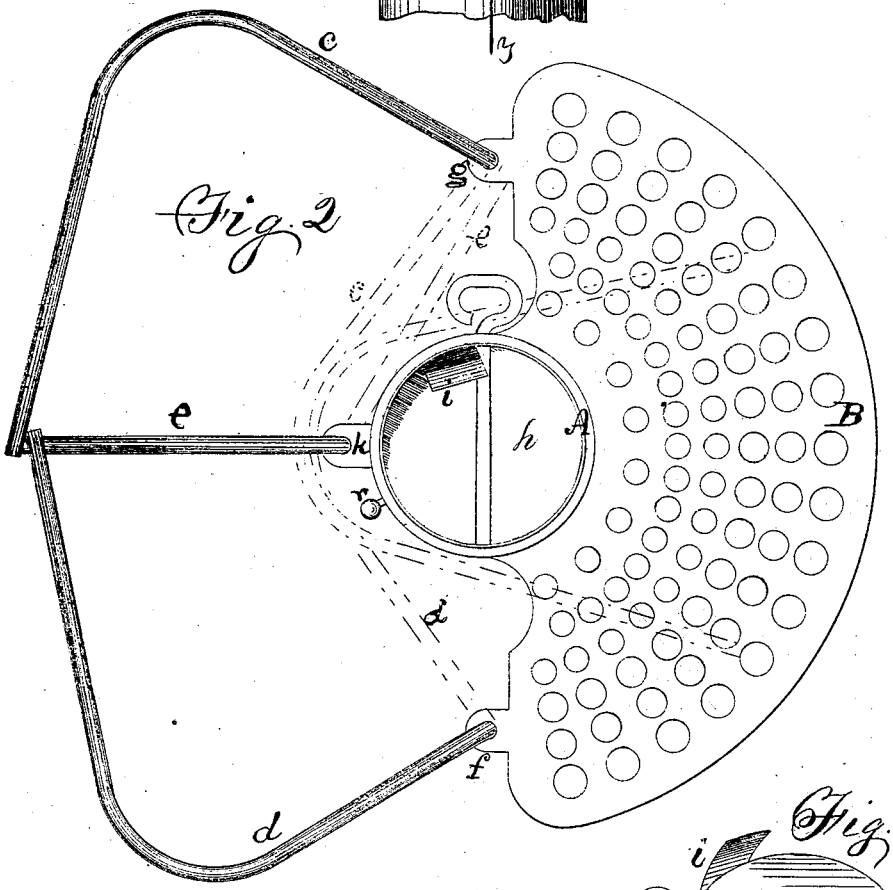

Fig. 4

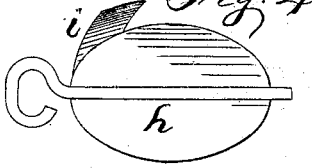

Fig. 3.

Witnesses.
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EDWARD H. CLINTON AND WILLIAM H. LAVINIA, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN COMBINED STOVE-PIPE DAMPERS AND SHELVES.

Specification forming part of Letters Patent No. 115,025, dated May 23, 1871.

We, EDWARD H. CLINTON and WILLIAM H. LAVINIA, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Damper and Shelf for Stove-Pipes, of which the following is a full description, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a rear elevation; Fig. 2, a plan view; Fig. 3, vertical section on line *x y* of Fig. 1; Fig. 4, a top view of the damper alone.

Our device complete consists of a stove-pipe damper combined with a shelf and bars for drying clothes.

In the drawing, A represents a ring or band, which may be of cast metal, in diameter corresponding with that of the stove-pipe to which the device is to be connected; it may be about three inches wide, and its ends are both adapted to receive a piece of stove-pipe, as shown in Figs. 1 and 3. B is a shelf, which may be cast with A. *f k g* are ears, into which the bars *c e d* are placed; the outer ends of *c d* are supported by the bar *e*, as seen in Fig. 2. These bars are pivoted in *g k f*, so that they can be turned around out of the way, partly beneath the shelf, as indicated by dotted lines in Fig. 2. In the ring A are one or more holes, *n*, just above *k* in Fig. 1, which may be closed by a slide operated by the knob *r*. *m*, Fig. 3, is another hole or opening in A. *h* is the damper proper, to which is secured the piece *i*, Figs. 2, 3, 4.

The opening *m* and the piece *i* are so arranged relatively to each other that when the damper is closed, as shown in Fig. 3, the hole *m* will be open, so that when the damper is closed the room will be somewhat ventilated, and a current of air passing constantly through the pipe and chimney will prevent the deposition of moisture, which is frequently quite annoying; but when the damper *h* is open the hole *m* will be closed by *i*.

By means of the holes *n* and slide mentioned further ventilation can be secured, and the heat regulated in the usual manner.

Our device is attached to a stove-pipe by placing the ring A between two joints of pipe, *a b*, as seen in Figs. 1 and 3, and requires no further fastening.

In Fig. 1 the bars *c e d* are mostly removed.

The shaft B may be perforated, as shown in Fig. 2, or not, as may be desired.

The piece *i* may be cast with *h*.

What we claim as new is as follows:

1. The ring or band A when provided with the opening *m*, in combination with the damper *h* when provided with the piece *i*, when the several parts are arranged to operate substantially as and for the purpose specified.

2. The band A having openings *m n*, in combination with the damper *h* having attached thereto a cut-off, *i*, and a register to close the opening *n*, all constructed and arranged to operate substantially as and for the purposes set forth.

3. The combination of the band A provided with the opening *m*, and the damper *h* provided with the piece *i*, with the shelf B and bars *c d e*, substantially as and for the purpose specified.

EDWARD H. CLINTON.
W. H. LAVINIA.

Witnesses:
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O. W. BOND.