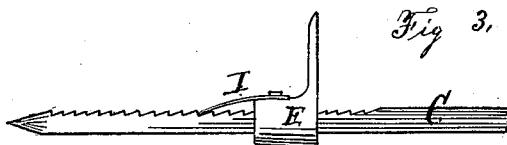
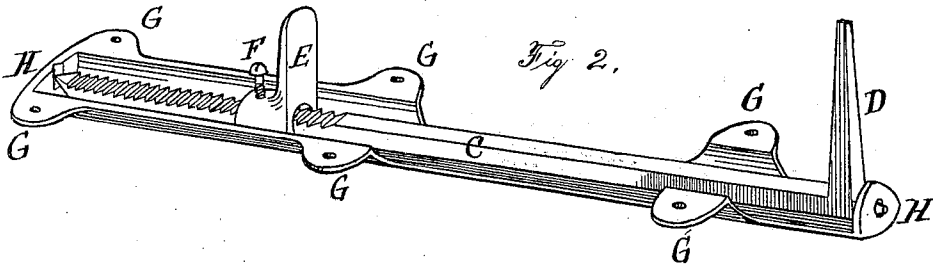
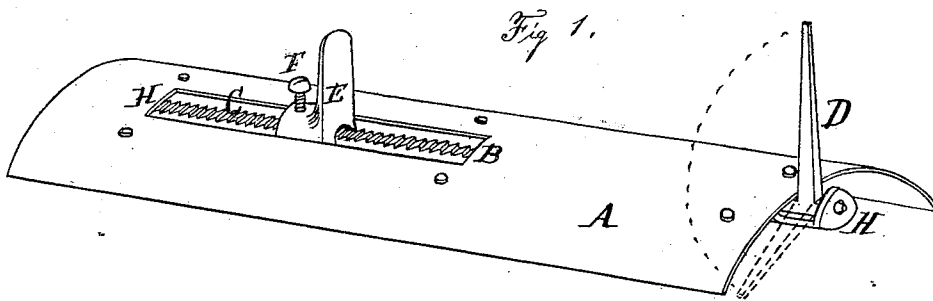


G. ECKEL.
Stove-Pipe Holders.

No. 142,777.

Patented September 16, 1873.



Witnesses,
John Bull
George Jewell

Inventor,
George Eckel

UNITED STATES PATENT OFFICE.

GEORGE ECKEL, OF RICHMOND, INDIANA.

IMPROVEMENT IN STOVE-PIPE HOLDERS.

Specification forming part of Letters Patent No. **142,777**, dated September 16, 1873; application filed February 8, 1873.

To all whom it may concern:

Be it known that I, GEORGE ECKEL, of Richmond, Indiana, have invented certain Improvements in Stove-Pipe Holders, of which the following is a specification:

My invention consists in an improvement in stove-pipes, &c., my device being an attachment to the end of the stove-pipe to hold it in place where it enters the chimney-flue. The attachment prevents the stove-pipe entering the flue too far, so as to hinder the draft, and also insures greater security against accidents by fire by preventing the stove-pipe from coming out of its place.

The following is an exact description of my invention, reference being had to the accompanying drawings.

Figure 1 shows a section of stove-pipe with my attachment or device affixed. A, section of stove-pipe; B, slot in stove-pipe. C a serrated rotary bar. D a projection on the inner end of the bar C to press against the inside wall of chimney-flue. E is a movable projection or thimble-brace on the bar C, with a thumb-screw, F, to fasten it at will on the bar C, so as to adjust it to any thickness of wall that may be included between the projection D and the projection or thimble-brace E when set and fastened by the thumb-screw F.

Fig. 2 shows the same device with the attachment wings or ears G G, G G, G G, to allow it to be riveted or fastened on the stove-pipe A. H H shows the device to allow the bar C to rotate to the inside of the stove-pipe when taking the stove-pipe out of or putting it in the flue.

Fig. 3 shows the same device for the same above-named purpose, except that the projection or thimble-brace E can be adjusted on the bar C by means of the spring I acting in the serrated part of the bar C instead of the thumb or set screw F, as shown in Figs. 1 and 2; or, both devices—viz., the thumb-screw F and the spring I—may both be used at the same time, substantially and for the purpose above named.

What I claim as my invention is—

The combination of the rotary serrated bar C with the projections D and E, with the set thumb-screw F, and also the combination of the spring I with the serrated bar C, for the purposes, and in the manner and form substantially as above set forth and described.

GEORGE ECKEL.

Witnesses:

JOHN BELL,
GEORGE JEWELL.