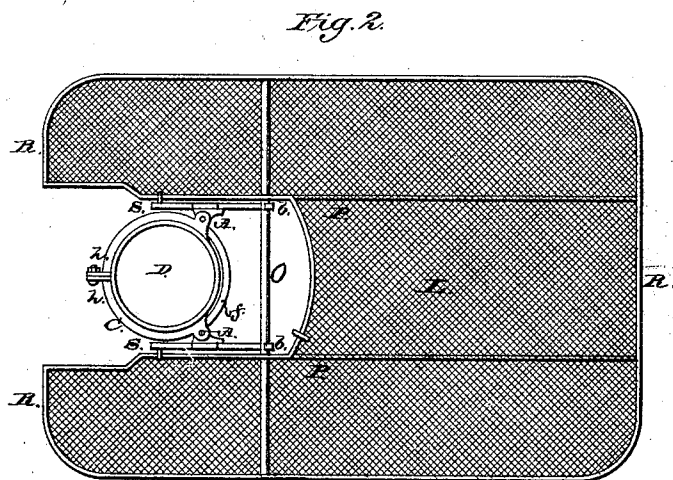
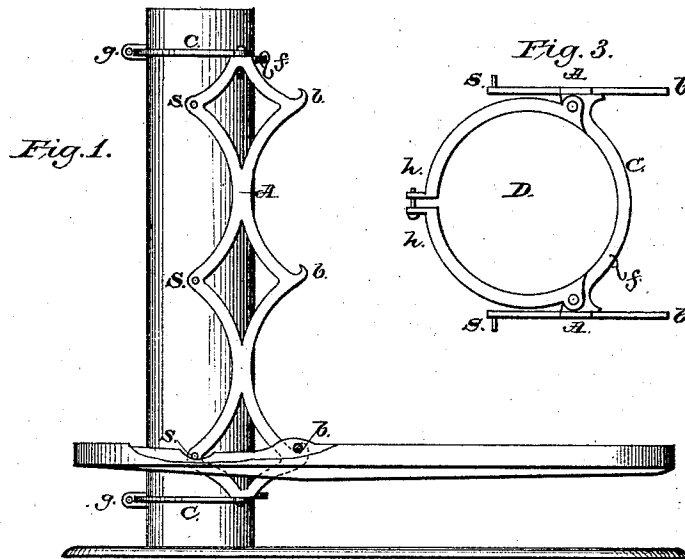


J. P. HINSHAW.
STOVE-PIPE SHELVES.

No. 184,009.

Patented Nov. 7, 1876.



Attest:

Henry C. Clark
Geo. H. Fay

Inventor:

Jonathan P. Hinshaw

UNITED STATES PATENT OFFICE.

JONATHAN P. HINSHAW, OF BROOKLYN, MICHIGAN.

IMPROVEMENT IN STOVE-PIPE SHELVES.

Specification forming part of Letters Patent No. 184,009, dated November 7, 1876; application filed June 15, 1876.

To all whom it may concern:

Be it known that I, JONATHAN P. HINSHAW, of Brooklyn, in the county of Jackson and State of Michigan, have invented a new and useful Improvement in Stove-Pipe Shelves and attachments, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

Figure 1 is a side elevation of my invention. Fig. 2 is a plan view of the same; and Fig. 3 is a view of a portion of the invention, the shelf being detached.

The object of my invention is to provide a stove-pipe with a series of shelves; and it consists in the peculiar construction and arrangement hereinafter more specifically pointed out and claimed.

The object is accomplished by means of two cast-iron uprights, A A, fastened by two clasps, C C, to stove-pipe D, the uprights A A being constructed with hooks b b at three equidistant points, and with stops S S opposite, which fit into depressions, and support the shelf or shelves when in position, and allows them to be raised parallel with the stove-pipe when not in use, and secured by fastenings f

f, or become detached, as desired. L designates a shelf of woven wire or other suitable material, having brace-rods P P crossing it longitudinally, and also a transverse rod, O, upon which the catches or curved arms b hook.

The clasps C C, being made in sections, are so arranged that, by changing the lateral or back-side sections thereof, any sized pipe can be attached thereto, thus obviating any change in size or shape of the shelf or shelves.

Sections g g are used for a six (6) inch pipe, and h h for a seven (7) inch pipe; and, in like manner, any size pipe can be used.

I claim as my invention—

1. The uprights A A, provided with diverging arms having hooks and pins b S, substantially as and for the purposes set forth.

2. In combination with the uprights A A, having hooks b b and pins S S, the shelf L, provided with a transverse rod, O, and longitudinal braces p p, as and for the purposes set forth.

JONATHAN P. HINSHAW.

Witnesses:

GEO. H. FAY,
REID CROWELL.