

J. F. BECKWITH.
Stove-Pipe Shelves.

No. 143,320.

Patented September 30, 1873.

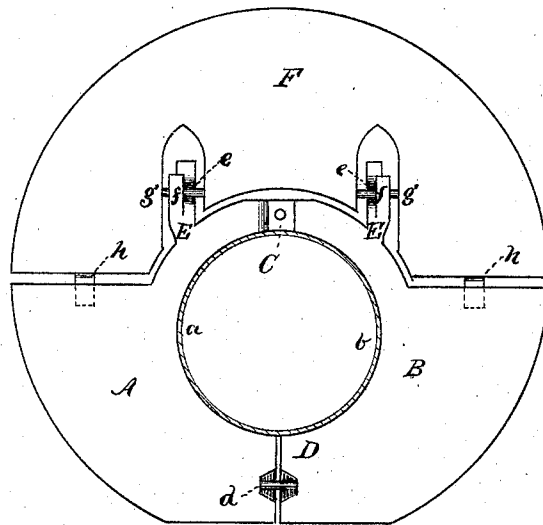


Fig. 1.

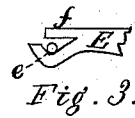


Fig. 3.

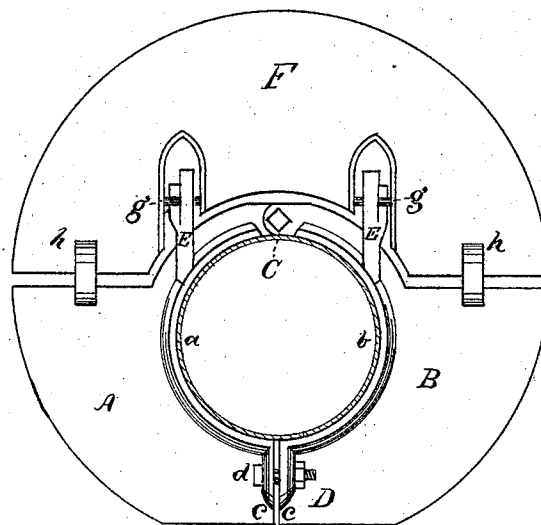


Fig. 2.

Witnesses:
H. M. Hopkins
G. S. Allis,

Inventor:
James F. Beckwith
Per G. M. Hopkins
Atty

UNITED STATES PATENT OFFICE.

JAMES F. BECKWITH, OF ALBION, NEW YORK.

IMPROVEMENT IN STOVE-PIPE SHELVES.

Specification forming part of Letters Patent No. **143,320**, dated September 30, 1873; application filed August 8, 1873.

To all whom it may concern:

Be it known that I, JAMES F. BECKWITH, of Albion, in the county of Orleans and State of New York, have invented certain Improvements in Stove-Pipe Shelves, of which the following is a specification:

The object of my invention is to provide a shelf which may be easily attached to the pipe which leads from the stove, and which may be folded up at pleasure.

In the drawing, Figure 1 is a top view, Fig. 2 is a bottom view, Fig. 3 is a side view, of a portion of one of the hinges.

The shelf is made in three principal parts, two of which, A and B, are provided with semicircular recesses at *a* and *b*, which, when placed together, form a circular opening of suitable size to embrace the pipe for which the shelf is intended. The parts A and B are hinged together at C by means of a rivet or bolt, and at D they are clamped together by means of the bolt *d*, which passes through the lugs *c c*. E E are arms which are cast on the parts A and B, and are provided with the notches *e e* and the lugs *f f*, which may be placed as represented in the drawing, or on

the other side of the notches *e e*. F is the movable or folding part of the shelf, which is sustained by the wires *g g*, placed across openings left for that purpose. These wires rest in the notches *e e*, and form a hinge on which the shelf F turns. *h h* are lugs which are cast on the shelf F, and serve to prevent it from getting below a horizontal position when it is let down.

The design of the shelf is such that very little labor is required in its manufacture, all the holes being cast in; also the wires *g g*, which form the hinge.

The shelf represented in the drawing is plain, but the manufacturer may exercise his taste in using any design of scroll or net-work.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The stove-pipe shelf constructed of the parts A, B, and F, hinge C, bolt *d*, arms E, wires *g*, and lugs *h*, substantially as specified.

JAMES F. BECKWITH.

Witnesses:

O. MOREHOUSE,
GEO. BULLARD.