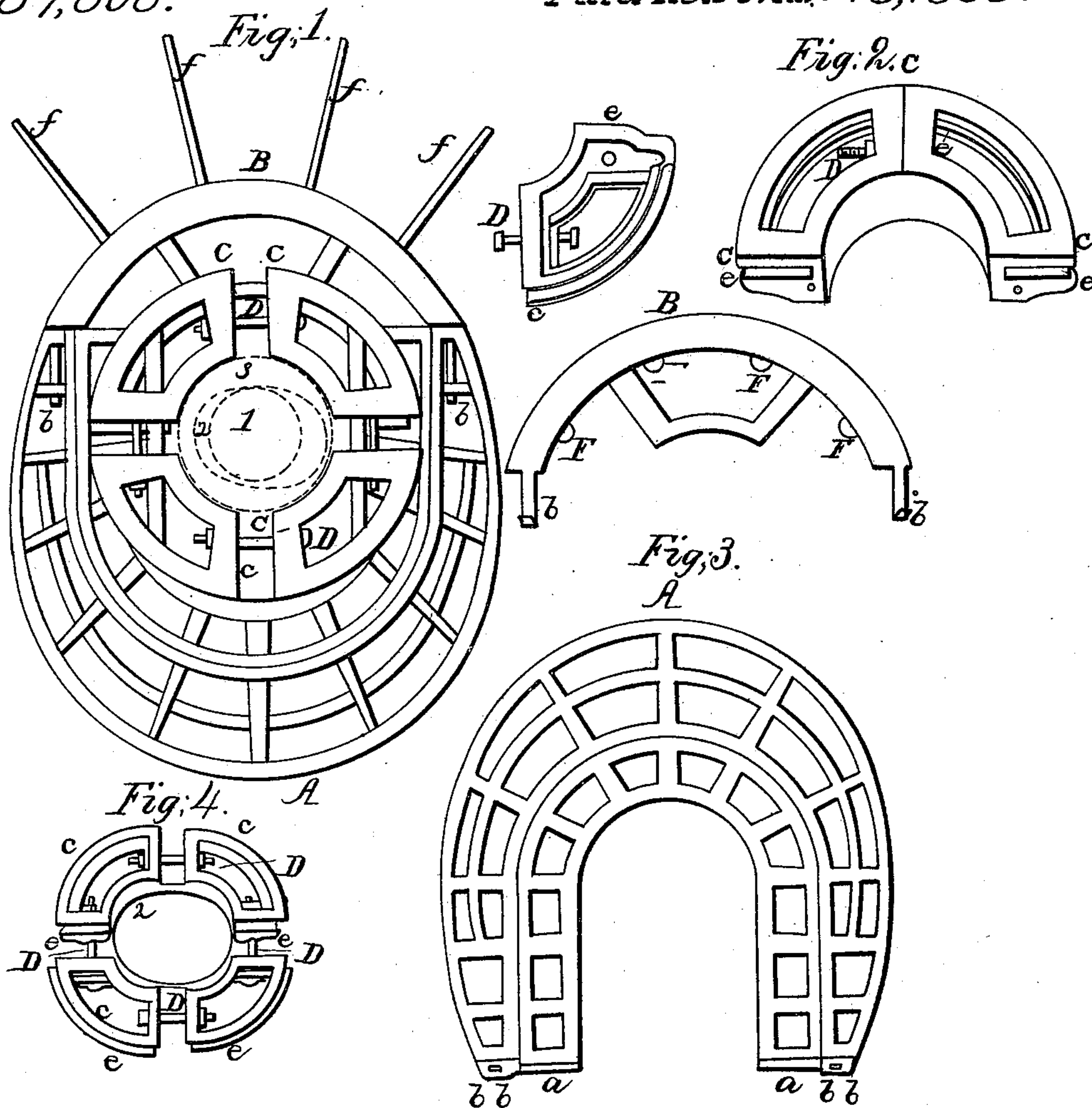


Watson & Pugh

Store Fire Shelf

N<sup>o</sup> 87,808.

Patented Mar 16, 1869.



Witnesses;  
Wm. R. Ash.  
Geo. W. Baker

Inventors.  
Jno. J. Watson.  
Wm. S. Pugh.





JOHN J. WATSON AND WILLIAM S. PUGH, OF COATESVILLE, PENNSYLVANIA.

Letters Patent No. 87,808, dated March 16, 1869.

STOVE-PIPE SHELF.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JOHN J. WATSON and WILLIAM S. PUGH, of Coatesville, Chester county, State of Pennsylvania, have invented new and useful Improvements on Metallic Stove-Pipe Collars and Appendages; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 shows the parts combined;

Figures 2, detached portions; as also

Figure 3, the shelf.

Figure 4 shows the collar attached to an oval pipe.

The nature of our invention consists in making the collar of four equal segments, adjusted by headed bolts and screws, so as to adapt the same to stove-pipes from four to seven inches, or more or less, in diameter, be they round or of an oval form, said collars having an upper and lower flange, or open slot, in which the shelf slides or turns in any direction, constituting a sliding and revolving shelf, and connected with a segment provided with rods or driers.

To enable others skilled in the art to make and use our invention, it is only necessary to refer to our drawings, and briefly explain the letters of reference.

The collar consists of four parts, C, forming a quadrant of a circle each, with an upper and lower rim, or open flange, *c e*, of the desired width.

The lower portions, *e*, across the diameter, are thickened and perforated for a headed bolt, D, with a screw-thread of the required length cut on the end for a burr. These bolts D unite the segments firmly around the stove-pipe, according to the size or shape.

The shelf A, fig. 3, has a central open space, of any desired size.

The sides, for a distance, are parallel, and rounded centrally, as shown, a portion, *a*, being sunken, or the outer portion, *b b*, raised, forming a shouldered ledge around. And equidistant from the central opening, a lower cross-piece, at *b b*, leaves an open socket for the introduction of the projecting holders *b* on the extra segment B, figs. 1 and 2, forming a rear-shelf attachment, which latter is also provided, on the under side, with sockets F, for the introduction of rods *f f f f*, fig. 1.

This arrangement admits of universal adjustment and adaptation. The shelf cannot only be extended,

but revolved entirely around, while, at the same time, the same collar can be applied to all sizes or shapes of stove-pipe, and gives it the widest range of usefulness.

We are aware that revolving and sliding shelves for stove-pipes are not novel, nor the adjustability to a certain degree, such as patent, No. 80,210. This shelf has grooved or sliding ways, by which it is elongated or laterally enlarged—a device we do not employ. Nor is ours constructed or arranged as claimed. Our device, as shown, differs substantially, besides the addition of the extra segment B, with its sockets for drying-rods, adapted to said shelf, and combined with it.

The peculiar-shaped adjustable grooved or slotted collar is made in two parts, and cannot be adjusted so as to adapt it for variously-sized pipe, or when of an oval shape. The semicircular parts are fixed in the side-pieces and slides, and constructed and operated, as claimed, on a wholly different plan.

We do not claim a collar made in two parts, with adjustable side grooves; nor do we claim a shelf provided with and operating by means of grooved or sliding ways on the under side. The headed screw-bolts are common, with nut-attachment. The radial arms and circular ribs may be of any design or pattern. As a whole, we claim our arrangement as a decided improvement, better calculated to meet the wants of our community than other devices for the same purpose.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The stove-pipe collar, made in four segments, C, combined with an upper and lower flange, *c e*, provided with thickened side-pieces for the reception of a headed screw-bolt and nut, D, for adjustment to any desired size or shape of pipe, in the manner and for the purpose specified and shown.

2. In combination with the collar C *c e*, the arrangement of the shelf A with its open loops or socket *b b*, in combination with the extra segment B, and catch-points *b*, and sockets F, all arranged and operating in the manner and for the purpose set forth.

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WM. S. PUGH.

Witnesses:

WM. R. ASH,  
GEO. W. BAKER.