

(No Model.)

J. AMEY.  
STOVE SHELF.

No. 260,516.

Patented July 4, 1882.

Fig. 1.

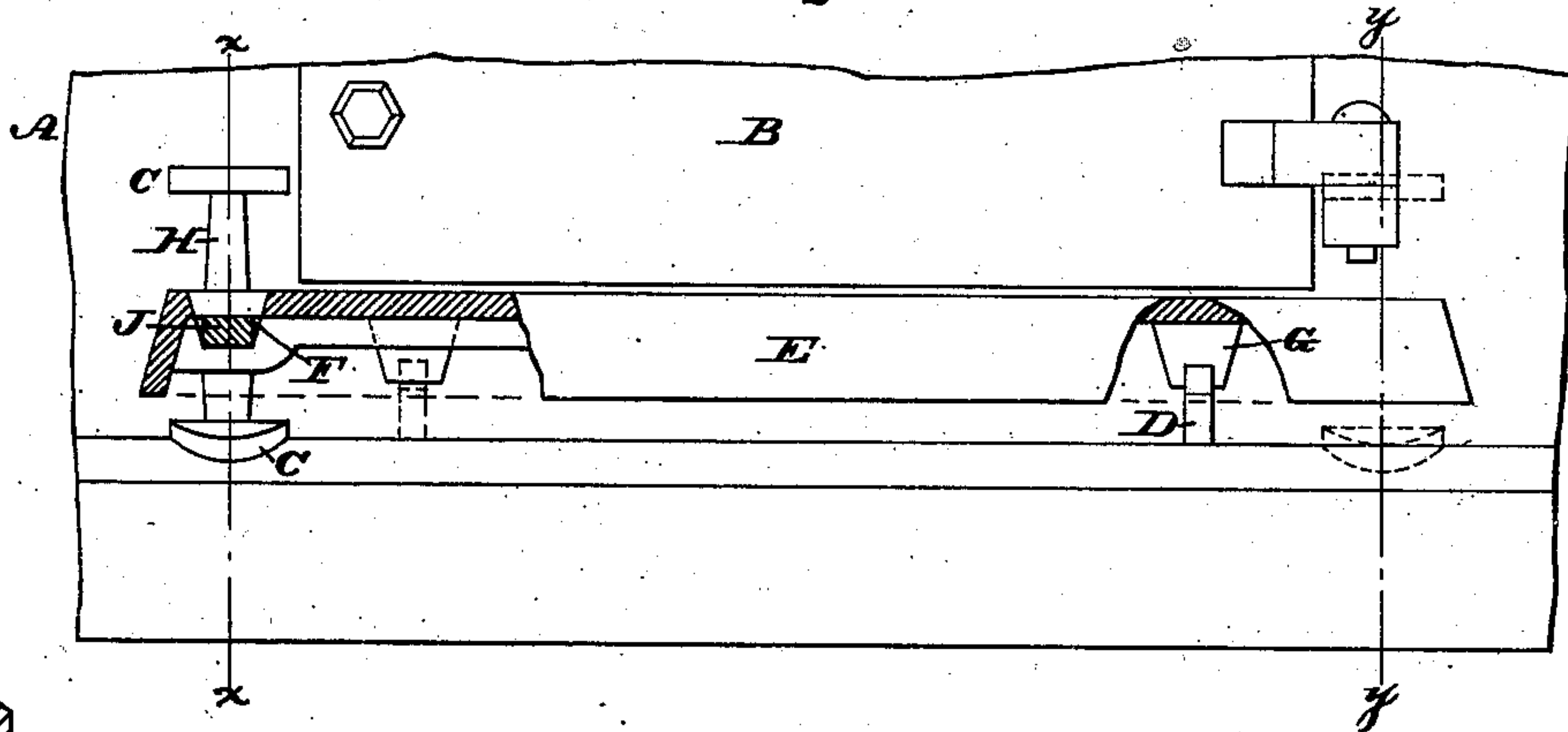


Fig. 2.

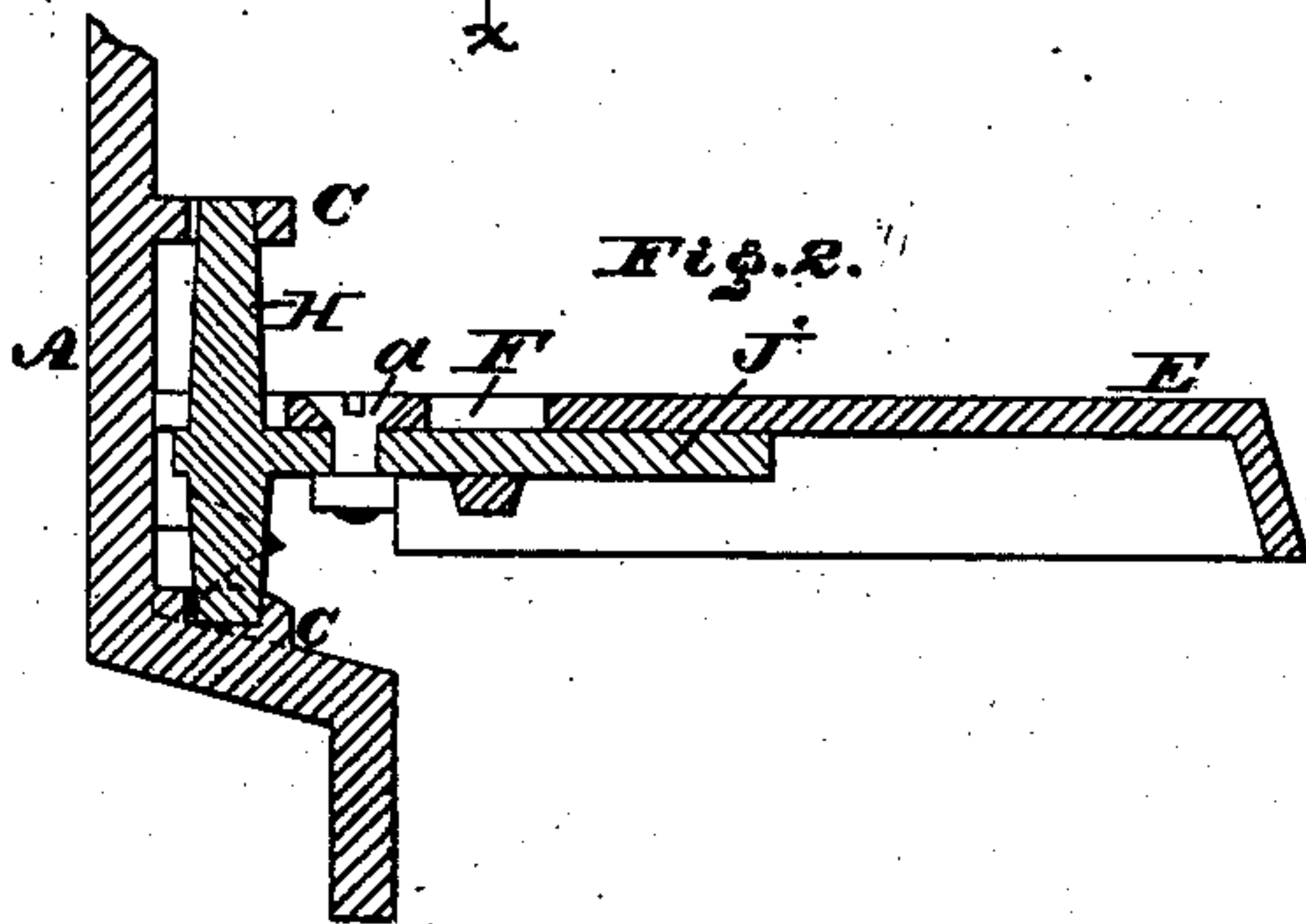


Fig. 3.

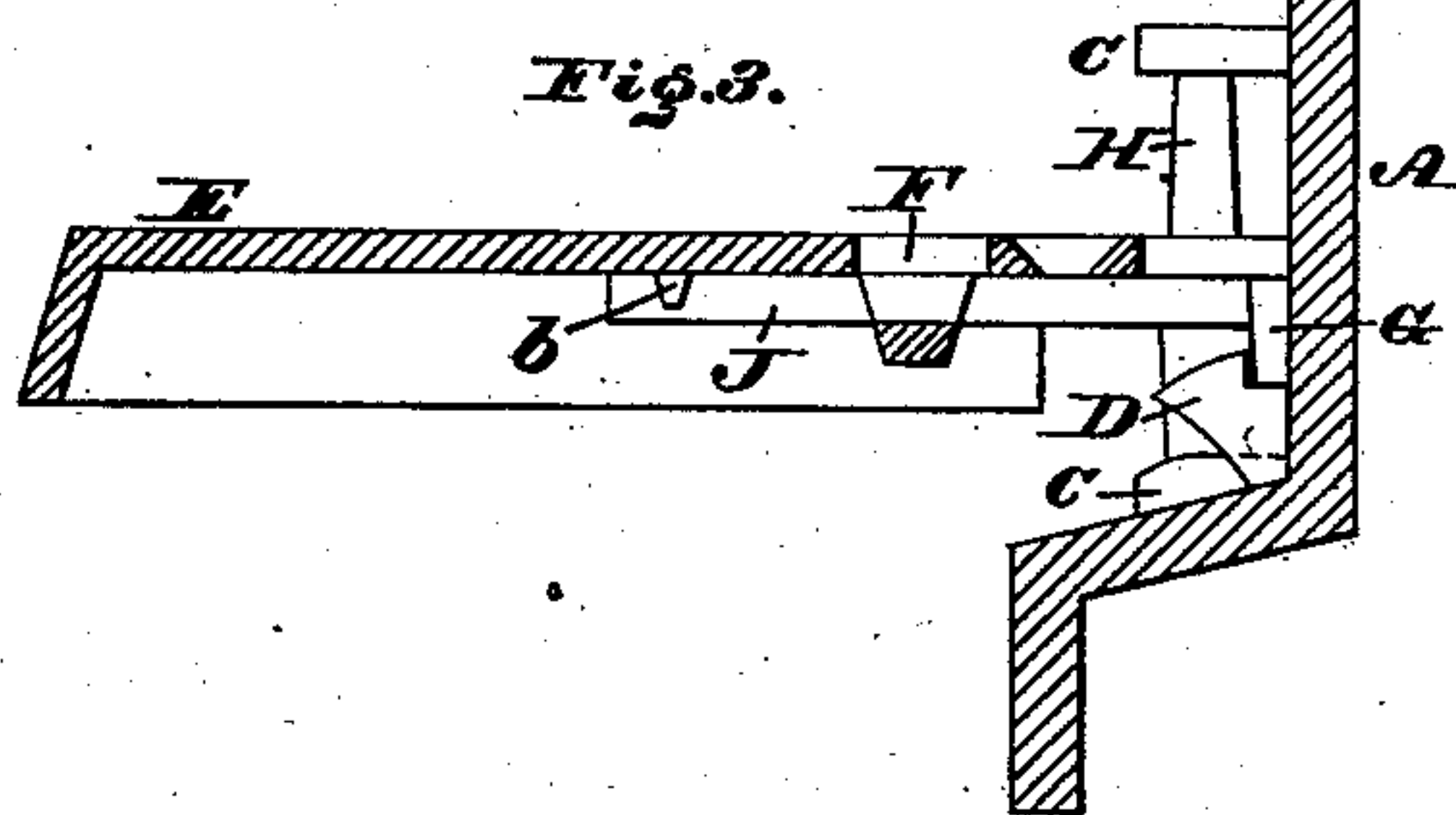
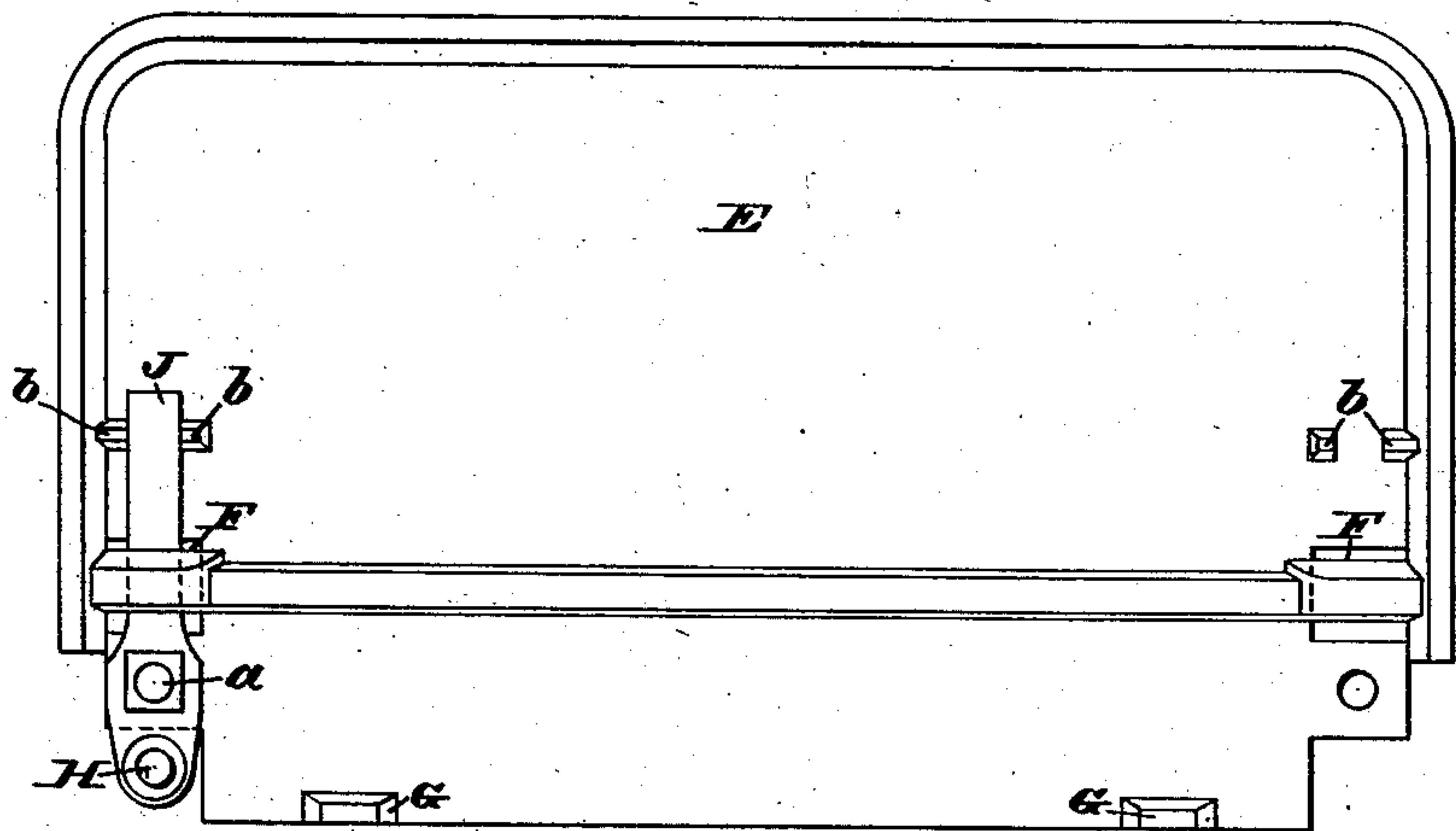


Fig. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JACKSON AMEY, OF LEHIGHTON, ASSIGNOR TO THE LEHIGH STOVE AND MANUFACTURING COMPANY, OF BETHLEHEM, PENNSYLVANIA.

## STOVE-SHELF.

SPECIFICATION forming part of Letters Patent No. 260,516, dated July 4, 1882.

Application filed April 26, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JACKSON AMEY, a citizen of the United States, residing at Lehigh-ton, in the county of Carbon, State of Penn-sylvania, have invented a new and useful Im-provement in Stove-Shelves, which improve-ment is fully set forth in the following speci-fication and accompanying drawings, in which—

Figure 1 is a front view, partly sectional, of the shelf and portion of the stove embodying my invention. Fig. 2 is a transverse section thereof in line *x x*, Fig. 1. Fig. 3 is a transverse section of the opposite side in line *y y*. Fig. 4 is a bottom plan of the shelf detached from the stove.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a shelf adapted to be fitted to opposite sides of a stove.

It also consists of means for securing to the shelf the pintle by which it is connected to the stove, and on which the shelf may be swung.

Referring to the drawings, A represents a portion of the side plate of a stove, and B a portion of the oven-door thereof. Cast with or secured to said plate A, near the opening of the oven, are eyes C C, arranged one above the other, and having their openings vertical, and likewise cast with or secured to said plate. Near the opposite side of said opening is a support, D, of somewhat hook shape, each side plate of the stove being provided with such eyes C and support D.

E represents a shelf, which is formed of metal, having at each side an eye, F, the opening whereof extends transversely and horizontally, and at the rear downwardly-projecting lips G, one of which is adapted to engage with one of the supports D, the eyes being preferably on the under side of the shelf, so as not to obstruct the upper face thereof.

H represents a vertically-extending pintle, which is formed with a horizontally-extending shank, J, the latter being adapted to enter either of the eyes F, whereby the pintle occupies a position at one of the corners of the rear of the shelf, said shank being secured to the shelf by a bolt and nut or screw, as at *a*. It will be seen that the pintle is formed of a

long and short piece, the long piece being above the shank. When the shelf is to be connected to the stove the long piece of the pintle is inserted in the upper eye C and the shelf raised sufficiently to allow the short piece to be inserted in the lower eye C, which being accomplished the shelf is attached at one end to the stove. The lip G on the side of the shelf opposite to the pintle is then fitted to the respective support D, and thus the shelf is firmly sustained, forming, as it were, a continuation of the floor of the oven, and adapted to sustain pans, &c., usual in such cases.

It will be seen that the shelf may be moved from the stove-plate by raising it so as to clear the lip G of the support D and then swinging it out on the pintle H as an axis, and by raising the shelf until the pintle clears the lower eye C the pintle may be drawn from the upper eye, thus entirely disconnecting the shelf from the stove.

The shelf is adapted to be attached to either the right or left side of the stove. For this purpose, as each side plate of the stove has the eyes C and support D, as has been stated, it is only necessary to apply the pintle and shank to the proper corner of the shelf. The bolt or screw *a* is removed, the shank fitted in the desired eye F of the shelf, and the bolt or screw reapplied, and the pintle may then be fitted in the respective eyes of the stove-plate, the relative lip G of the shelf being in position to engage with the support D intended for it.

In order to employ a single screw or bolt *a* for holding the shank of the pintle to the shelf, the under side of the latter has formed with it two depending lugs, *b*, between which the forward end of the shank is adapted to enter, the rear end of the shank being held by the bolt or screw *a*. Consequently both ends of the shank are prevented from shifting laterally, the bolt or screw *a* and the eye F preventing vertical displacement of the shank, the pintle thus being attached to the shelf in a simple and reliable manner.

It is evident that one of the lugs *b* may consist of the side rim of the shelf, both sides of the shelf being constructed with said lugs or lug and rim.



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

1. A stove-shelf having a lip, G, at one end,  
5 in combination with a pintle detachably secured to the other end of said shelf, and a stove having eyes C and supports D, substantially as set forth.
2. A stove having eyes C and supports D, in  
10 combination with a pintle and a stove-shelf, provided with eye F and lugs *b* at one end and lip G at the other end, the shank of said pintle being detachably secured to said stove-shelf, substantially as set forth.
- 15 3. A stove-shelf having an eye, F, and a pair of lugs, *b b*, in combination with a pintle turning in lugs on the side of a stove, and provided with a shank which extends into said eye F and between said lugs *b b*, said shank and shelf being fastened together by a screw, 20 *a*, substantially as set forth.
4. A stove-shelf provided with an eye and lugs on each side, in combination with a pintle detachably secured thereto, and a stove having eyes C formed thereon, substantially as set 25 forth.

JACKSON AMEY.

Witnesses:

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