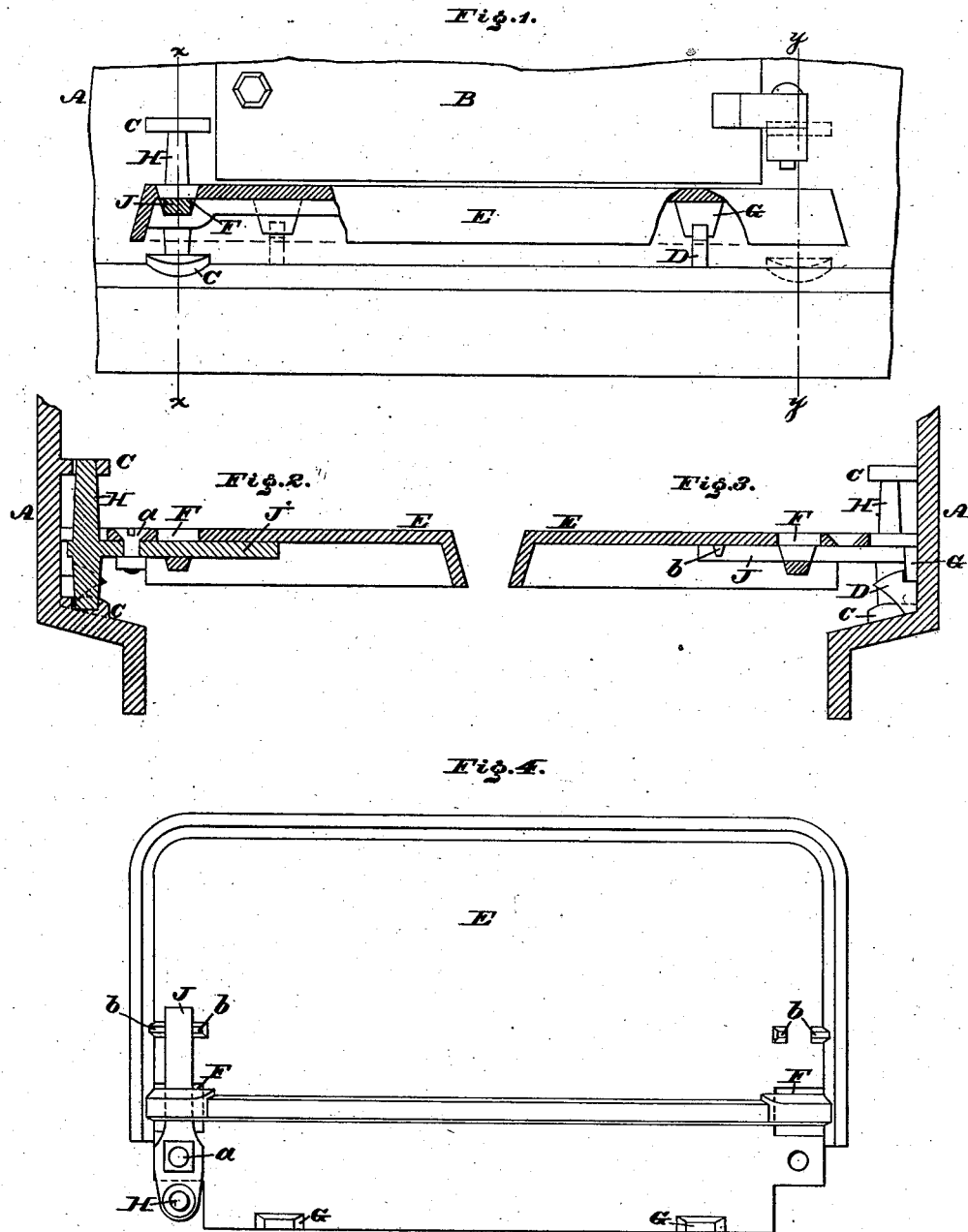


(No Model.)

J. AMEY.
STOVE SHELF.

No. 260,516.

Patented July 4, 1882.



WITNESSES:

No. P. Grant,
H. F. Fisher

INVENTOR:

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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 *xx*, Fig. 1. Fig. 3 is a trans-
verse section of the opposite side in line *yy*.
Fig. 4 is a bottom plan of the shelf detached
from the stove.

Similar letters of reference indicate corre-
sponding 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 hori-
zontally, and at the rear downwardly-project-
ing lips G, one of which is adapted to engage
with one of the supports D, the eyes being prefer-
ably 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-extend-
ing shank, J, the latter being adapted to en-
ter 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 con-
nected to the stove the long piece of the pin-
tle 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 con-
tinuation 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 de-
sired 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 rela-
tive lip G of the shelf being in position to en-
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 for-
ward 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 con-
sist 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—

- 5 1. A stove-shelf having a lip, G, at one end, 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.
- 10 2. A stove having eyes C and supports D, in 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:

A. C. BRODHEAD,
H. A. BELTZ.