

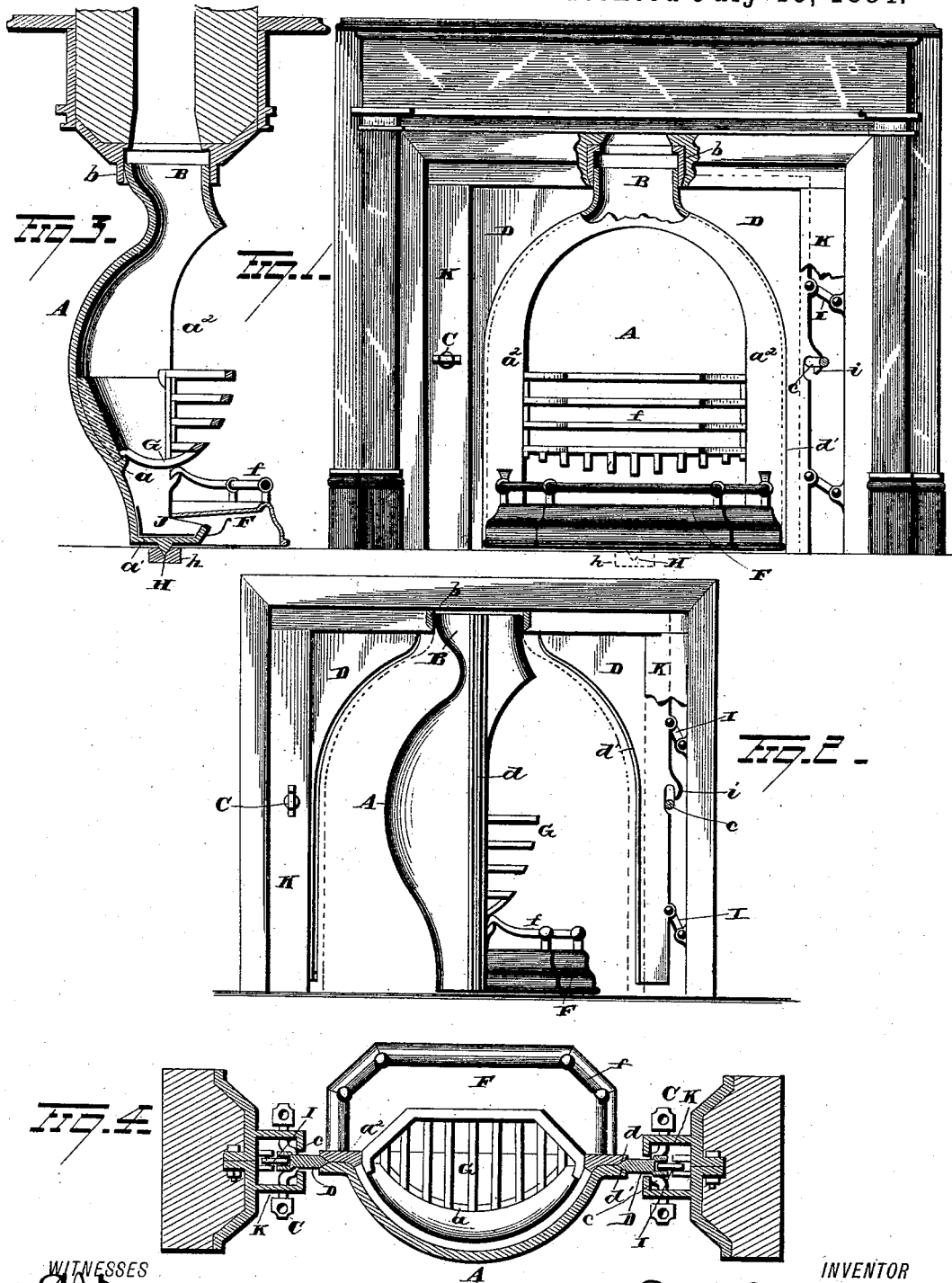
(No Model.)

E. D. HAVEN.

FIRE PLACE,

No. 301,885.

Patented July 15, 1884.



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FIRE-PLACE.

SPECIFICATION forming part of Letters Patent No. 301,885, dated July 15, 1884.

Application filed November 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, EGBERT D. HAVEN, of Albany, in the county of Linn and State of Oregon, have invented certain new and useful
5 Improvements in Fire-Places; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-

10 My invention relates to an improvement in fire-places, the object of the same being to provide a fire-place which may be reversed so as to face either of two adjoining rooms when the fire is not lighted, or when it is freely
15 burning.

With this end in view my invention consists, first, in a fire-place adapted to be placed in an arch of a chimney between two rooms, and provided with a pivotal point at the base,
20 upon which the fire-place is allowed to rotate horizontally; secondly, in a fire-place having a pivotal point bearing at the base upon which the fire-place is allowed a rotary motion, and provided at the top with a journal bearing in a
25 box placed in the chimney-flue; thirdly, in movable panels adapted to tightly inclose the space about the revolving fire-place.

My invention further consists in certain features of construction and combination of
30 parts, as will be fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a front view. Fig. 2 is a side view showing the position of the fire-place when half re-
35 versed. Fig. 3 is a longitudinal sectional view, and Fig. 4 is a transverse section at the top of the grate.

A represents the back of the fire-place, constructed of iron or other suitable material, and formed in any desired shape consistent
40 with a good draft. This back may be lined with brick or other suitable material, and provided with projections *a*, for supporting the grate G. The bottom *a'* and sides *a''* of the
45 fire-place may be formed integral with the back, or fastened securely thereto in any suitable manner. The bottom *a'* is provided with a pivotal point, H, situated at or near the vertical line through the center of gravity.
50 This point H is adapted to rest in the cup-bearing *h*. The fire-place frame terminates at

the top in a cylindrical projection, B, adapted to fit in a box, *b*, secured in the chimney-flue, having sufficient play therein to allow the frame to be placed in position or removed
55 without cramping. The hearth F, supporting the ash-pan J, the fender *f*, secured to the hearth and fire-place frame, and the grate G, are all to be so constructed and attached that they will swing with the back. The outside
60 edge of the fire-place frame is provided with a groove, *d*, adapted to receive the inner edges, *d'*, of the panels D. These panels D are secured to the stationary frame K at the sides of the arch by the arms I, pivoted to the pan-
65 els and stationary frame. These panels D are furthermore provided with the projecting curved-faced lugs *i*, adapted to engage the short arms *c*, attached to the spindles of the knobs C. By turning the knob C this arm *c*
70 lifts upward and backward upon the lug *i*, thus raising the panel D out of the groove *d*, and allowing the fire-place to revolve. This reversible fire-place affords an opportunity of heating two adjoining rooms with the same
75 fire by leaving it one-half reversed, or of transferring the fire from a room which it is desired to air by opening the windows or doors to a room where the heat is in the meantime
80 needed. The panels D are so closely fitted to the grooves *d* that one room is effectually shut off when desired. The back of the fire-place may be ornamented in such a manner as to add to the appearance of the room toward which
85 it is, for the time being, turned.

It is evident that slight changes may be made in the construction and bearings of this fire-place without departing from the spirit of my invention. For example, the cup-bearing
90 may be in the bottom of the fire-place and pivotal point below; hence I do not limit myself to the exact construction set forth in the above; but,

Having fully described my invention, what I claim as new, and desire to secure by Let-
95 ters Patent, is—

1. A reversible fire-place, the upper end of which forms both an exit-flue and bearing for the fire-place.

2. The combination, with a reversible fire-
100 place, the upper end of which forms both an exit-flue and upper bearing for said fire-place,

of a box secured in the chimney-flue for the reception of the upper end of the fire-place, and the step *h*, on which the fire-place rests.

3. The combination, with a reversible fire-place, the upper end of which is formed into a pipe which fits into a bearing and forms both an exit-flue and upper bearing, of a box secured in the flue, and constructed to receive the upper open end of the fire-place.

10 4. The combination, with a reversible fire-place, of adjustable panels located on each side of the fire-place, substantially as set forth.

15 5. The combination, with a reversible fire-place, of adjustable panels located on each side of the fire-place and common to two adjoining compartments, substantially as set forth.

20 6. The combination, with a reversible fire-place provided with a grooved edge, of adjustable panels adapted to fit in said grooved edges, substantially as set forth.

7. The combination, with a reversible fire-place, of panels located on each side of the fire-place, and devices connected with said panels for moving them toward and from said fire-place, substantially as set forth. 25

8. The combination, with a reversible fire-place and adjustable panels, of knobs having arms attached to their spindles, said arms being adapted to engage with projections on said panels, whereby the panels may be moved toward and from the fire-place, substantially as set forth. 30

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 35

EGBERT DEWEY HAVEN.

Witnesses:

JAS. F. CROSETT,
EDWD. CHATTIN.