

S. R. BURTON, J. T. PEET & W. CAVEN.
Stove-Hearth.

No. 213,864.

Patented April 1, 1879.

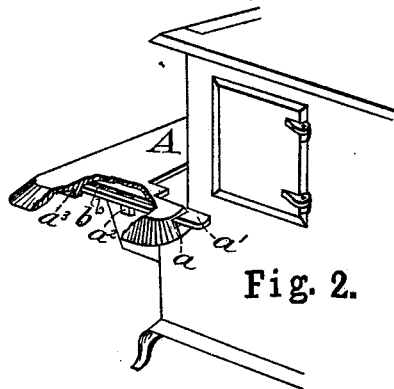


Fig. 2.

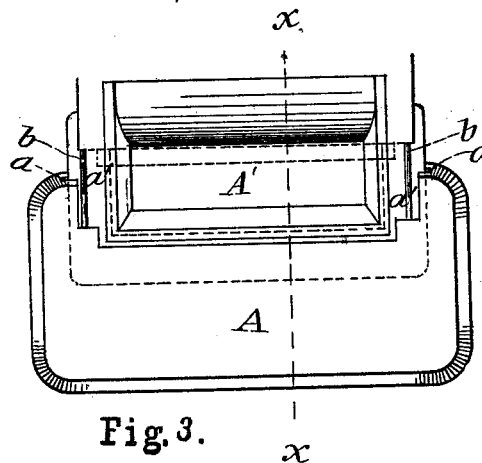


Fig. 3.

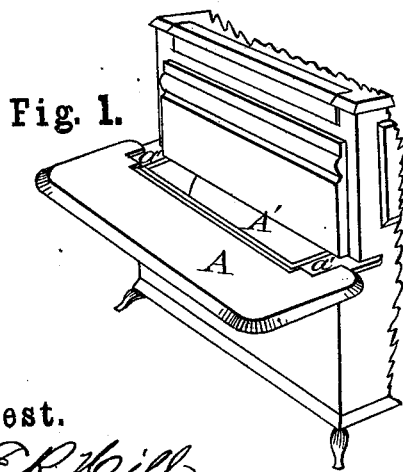


Fig. 1.

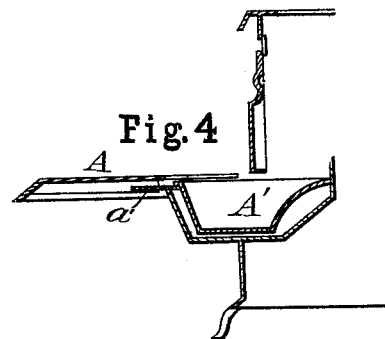


Fig. 4.

Attest.

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UNITED STATES PATENT OFFICE.

STEPHEN R. BURTON, OF AVONDALE, AND JOHN T. PEET AND WILLIAM CAVEN, OF CINCINNATI, ASSIGNORS TO REDWAY & BURTON, OF CINCINNATI, OHIO.

IMPROVEMENT IN STOVE-HEARTH.

Specification forming part of Letters Patent No. 213,864, dated April 1, 1879; application filed December 30, 1878.

To all whom it may concern:

Be it known that we, STEPHEN R. BURTON, of the village of Avondale, county of Hamilton, and State of Ohio, and JOHN T. PEET and WILLIAM CAVEN, of the city of Cincinnati, in the county of Hamilton and State of Ohio, have invented new and useful Improvements in Stoves, of which the following is a specification:

The object of our invention is to secure economy in material, beauty and ease of construction, and convenience for use in stove-hearths.

In the drawings forming a part of this specification, Figure 1 is a perspective view of the front of a stove provided with our improved hearth and appendages. Fig. 2 is a perspective view of one end of a sliding hearth. Fig. 3 is a plan view of our hearth-frame and ash-box. Fig. 4 is a sectional view taken through the line *x x*, Fig. 3.

In Fig. 1 the hearth *A* is shown drawn out so as to admit of the removal of the ash-box *A'*. This hearth rests and slides upon a frame, *a'*, which also supports the ash-box *A'*, by means of flanges or projections upon the edges or sides of the latter. The ash-box *A'* is introduced into the ash-pit from above the frame *a'*, and withdrawn in a reverse manner.

On the top of the frame, at the edges, are ways *b'*, upon which the hearth slides. Guides *a³*, on the under surface of the hearth project downward and beyond each end of the frame, and in close proximity thereto, and keep the hearth in position, and serve to direct it while being slid from or toward the stove.

The hearth is provided with a downwardly-projecting flange, the ends of which are provided with notches *a*, which engage and slide along the ends of the frame *a'*, and prevent the hearth from tilting when it is drawn out. The hearth is prevented from being pulled out too far by the lug *a²* on the end of the frame.

This frame is made no larger than is necessary to support the ash-box and hearth, and, as will be observed, we avoid the necessity of a double hearth, and thus greatly economize metal.

When it is desired to remove the hearth for convenience of shipping or other purposes, it can be done by pushing it in toward the stove until the notch *a* passes the end of the frame *a'*, when the hearth can be lifted off.

This makes a neat hearth, and is free from the objections of stove-hearths as ordinarily constructed.

In order to remove the ash-pan *A'* it is only necessary to pull the hearth out till the flange strikes against the lug *a²*, when the ash-pan can be lifted out.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is as follows, viz:

1. A stove provided with a hearth constructed in one piece, the downwardly-projecting flange of which is provided with a notch, *a*, which embraces the end of the frame *a'*, permitting the hearth to slide back and forth, and preventing it from tilting when pulled out, substantially as and for the purposes specified.

2. In combination with a stove provided with the frame *a'*, the stove-hearth *A*, provided with a flange and notch, *a*, and downwardly-projecting ridges *a³*, substantially as and for the purposes specified.

3. The frame *a'*, provided at its edges with the ways *b*, in combination with the ash-pan *A'* and the hearth, provided with the guides *a³* and notches *a*, substantially as and for the purposes specified.

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Attest:

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