

J. M. McHELM.

Ash-Pan.

No. 168,168.

Patented Sept. 28, 1875.

Fig. 1

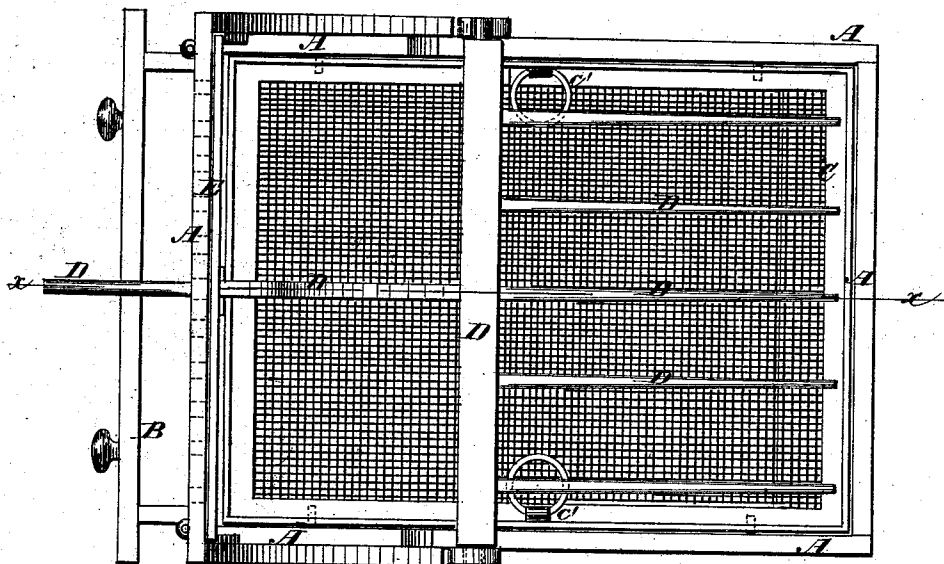
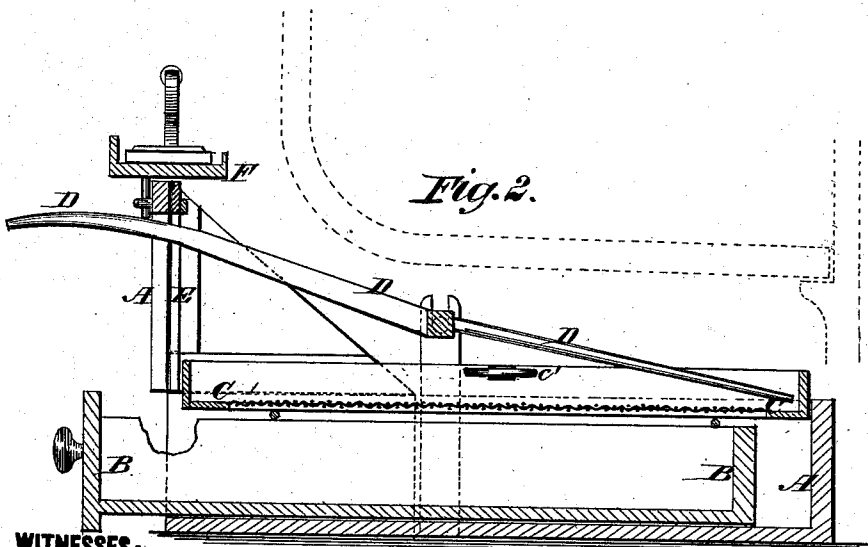


Fig. 2



WITNESSES:

Charles McQuade.
A. F. Terry

INVENTOR:

J. M. McHelm
BY *mm*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES M. McHELM, OF CARLISLE, KENTUCKY.

IMPROVEMENT IN ASH-PANS.

Specification forming part of Letters Patent No. **168,168**, dated September 28, 1875; application filed May 28, 1875.

To all whom it may concern:

Be it known that I, JAMES M. McHELM, of Carlisle, in the county of Nicholas and State of Kentucky, have invented a new and useful Improvement in Ash-Pan, of which the following is a specification:

Figure 1 is a top view of my improved ash-pan. Fig. 2 is a vertical longitudinal section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved ash-pan for ranges, cooking-stoves, &c., which shall be so constructed as to allow the fire to be conveniently stirred, the fine coal to be readily separated from the ashes, the heat to be readily controlled, and flat-irons to be readily heated.

The invention will first be described in connection with drawing and then pointed out in the claim.

A represents the ash-chamber, in which is placed the drawer B, that receives the ashes and enables them to be removed. C is a screen that rests upon lugs or pins formed upon or attached to the sides of the ash-chamber A just above the drawer B, so as to receive the ashes and fine coal as they fall from the fire-grate, and retain the fine coal, while allowing the ashes to fall through it into the drawer B. The screen C is provided with rings *c'* or other handles, to enable it to be conveniently handled. D is the poker, which is made with a cross-bar, the ends of which work in lugs or

other supports attached to the ash-chamber A. Upon the inner side of the cross-bar of the poker D are formed one or more slightly-curved fingers, which, when the poker is worked, pass up through the spaces between the bars of the grate, and thus stir the fire. The handle of the poker D passes out through a vertical slot in the front of the ash-chamber A, so that it can be conveniently operated. This construction enables the poker to be readily detached when desired. In the front of the ash-chamber are formed a number of vertical slots, which are covered by a sliding plate, E, so that the fire, and with it the heat, may be controlled as desired. F is a detachable shelf, which rests upon the top of the front of the ash-chamber A, where it is secured by pins and eyes, or other suitable fastenings.

The shelf F is made with low flanges along its side edges, and is designed to hold smoothing or sad irons while being heated.

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

The combination, with slotted front of a poker, D, having a fingered cross-bar pivoted in open bearings between ash-pan screen and superposed grate, as shown and described, to make said poker readily detachable.

JAMES MELVILL McHELM.

Witnesses:

W. F. CONWAY,
B. F. ADAIR.