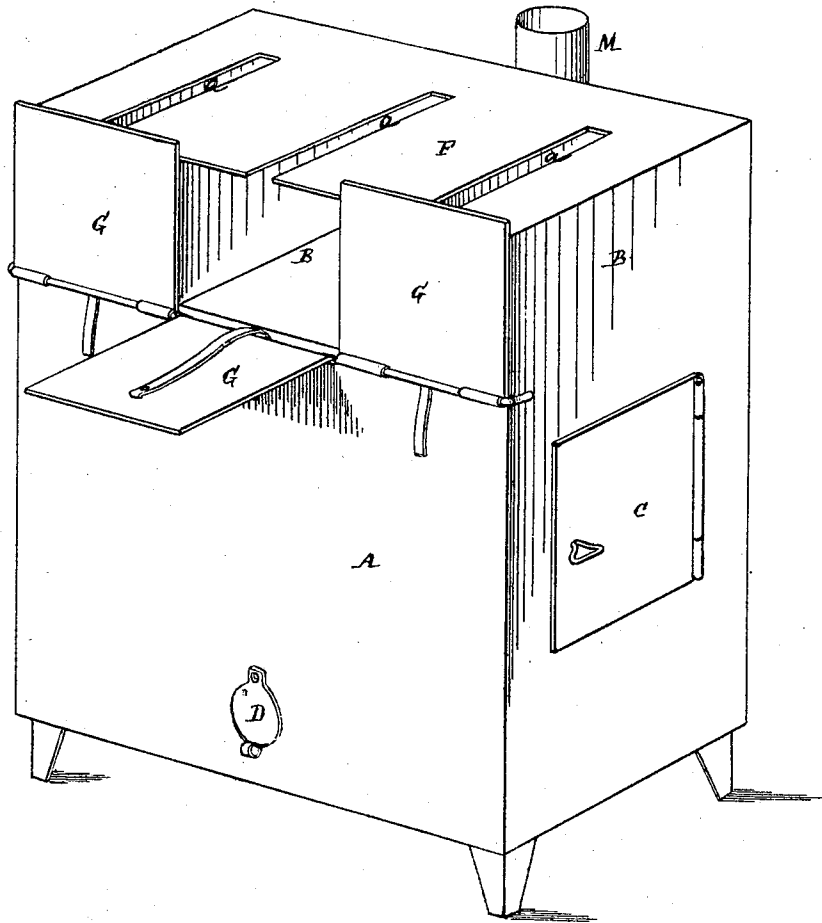


M. D. BIRGE.

Flat-Iron Heaters.

No. 129,453.

Patented July 16, 1872.



Witnesses,
C. B. Nottingham.
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Inventor,
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UNITED STATES PATENT OFFICE.

MANNING D. BIRGE, OF GRAND RAPIDS, MICHIGAN.

IMPROVEMENT IN FLAT-IRON HEATERS.

Specification forming part of Letters Patent No. 129,453, dated July 16, 1872.

Specification describing certain Improvements in Flat-Iron Heaters, invented by MANNING D. BIRGE, of Grand Rapids, in the county of Kent and State of Michigan.

My invention relates to the combination of flat-iron heater, slotted cover, and spring-doors; the object of my invention being a portable heater, susceptible of producing intense heat quickly in such a manner that while the flat-iron is being heated the handle shall remain in the cool air, convenient to the hand, with doors so arranged as to easily open for placing the iron in the heater, and closing themselves, these spring-doors, yielding to the pressure of the iron against them by means of the handles—which remain outside while the iron is inside the heater—readily open, remaining open if pressed down sufficiently to latch, but springing shut if opened only sufficiently for the removal of the iron.

The accompanying drawing is a perspective view of a heater made in accordance with my invention.

A is the fire-chamber, provided in the usual manner with a grate or door, C, and a draught-plate, D, for regulating the admission of air into the ash-pit or air-chamber below the grate; and also a smoke-pipe, M. These parts may be constructed in any ordinary or suitable manner. Above the fire-chamber is the heater B for the irons, and this is provided with a cover or top, F, provided with slots *a* for the pass-

age of the handles of the irons—one slot for each iron. The front of the heater is closed by doors, G, held closed by springs, *b*, there being as many doors as the heater is intended to contain flat-irons. The doors project up above the top of the heater a short distance, so that any one can be opened by putting the heel of the flat-iron against it and then pushing back until the door is lowered sufficiently to allow the iron to be inserted in its place in the heater. Latches may be provided for these doors, so arranged as to hold the doors open if pressed down sufficiently far, as above stated.

The operation of the above-described device will be understood without further explanation, as the doors may be opened by means of the irons themselves, for either the insertion or withdrawal of the latter; and when the pressure upon them is removed they will at once spring back to their normal positions and close the heater.

What I claim as my invention, and desire to secure by Letters Patent, is—

A heater for flat-irons or similar articles, provided with a slotted cover and spring-doors, arranged for operation substantially as herein shown and described.

MANNING D. BIRGE.

Witnesses:

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