

M. PECKHAM.
Magazine Stove.

No. 106,503.

Patented Aug. 16, 1870.

Fig. 2.

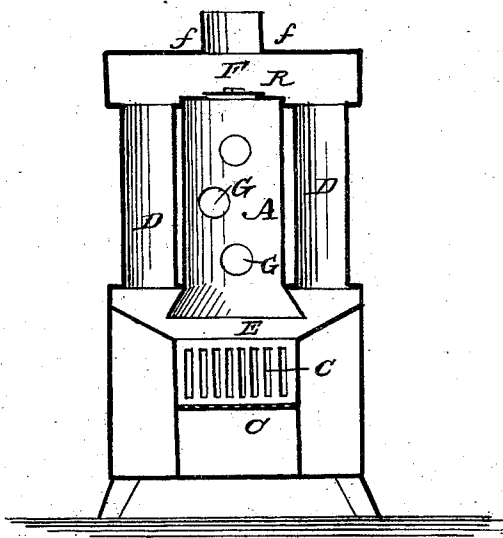
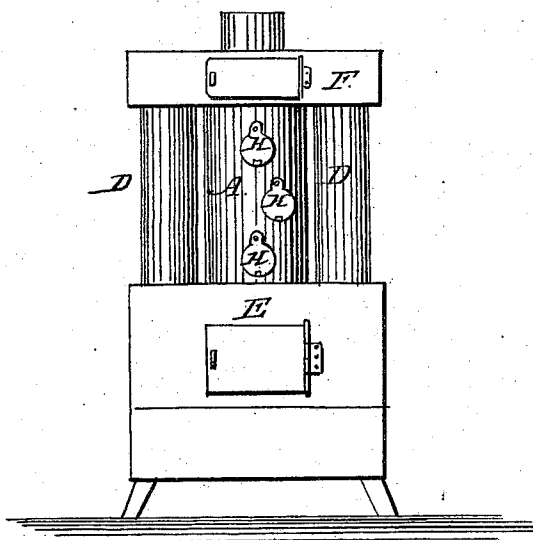


Fig. 1.



Witnesses

J. W. H. Johnson
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Inventor

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UNITED STATES PATENT OFFICE.

MERRITT PECKHAM, OF UTICA, NEW YORK.

BASE-BURNING STOVE.

Specification forming part of Letters Patent No. 106,503, dated August 16, 1870.

To all whom it may concern:

Be it known that I, MERRITT PECKHAM, of Utica, in the county of Oneida and State of New York, have invented a new and useful Improvement in Magazine-Stoves; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the class to which my invention appertains to fully understand and use the same, reference being had to the accompanying drawing which makes part of this specification, and in which—

Figure 1 is a front elevation of my improved magazine-stove; and Fig. 2 is a vertical section of the same.

Like letters of reference indicate like parts in both figures.

The nature of my invention consists in providing the magazine of a base-burning magazine-stove with any suitable number of openings, provided with covers, which act as dampers, and through which a poker may be introduced to clear the coal in the magazine if it gets fast.

In the drawing, A may represent the magazine, opening conically at its lower end, while the upper end is closed by a feed-cover, B. C is the grate, and D D the flues, which latter extend from the fire-chamber E upwardly into the smoke-chamber F, in which the stove-pipe is secured, at f.

G G are circular openings formed in the magazine, and provided with doors or swinging covers H. The openings may be square, if desirable, and any suitable number may be used. By opening any or all of the openings either entirely or only partially, a downward draft is created through the coal in the magazine, and as the latter is principally burned in and above the base of the magazine, the smoke and gases escaping from the igniting coal are forced into and through the coke below the base of the magazine, where they are virtually consumed before the heat passes up into and through the flues D.

In case coal should get fast in the magazine, a poker can easily be introduced through these openings by which the coal may be loosened and made to fall.

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

The air-openings G in the magazine of a base-burning magazine-stove, when arranged and operating substantially as herein described.

MERRITT PECKHAM.

Witnesses:

JOSEPH BARTLETT,
ALBIN DAVIS.