

G. R. PROWSE.
Stove.

No. 206,198.

Patented July 23, 1878.

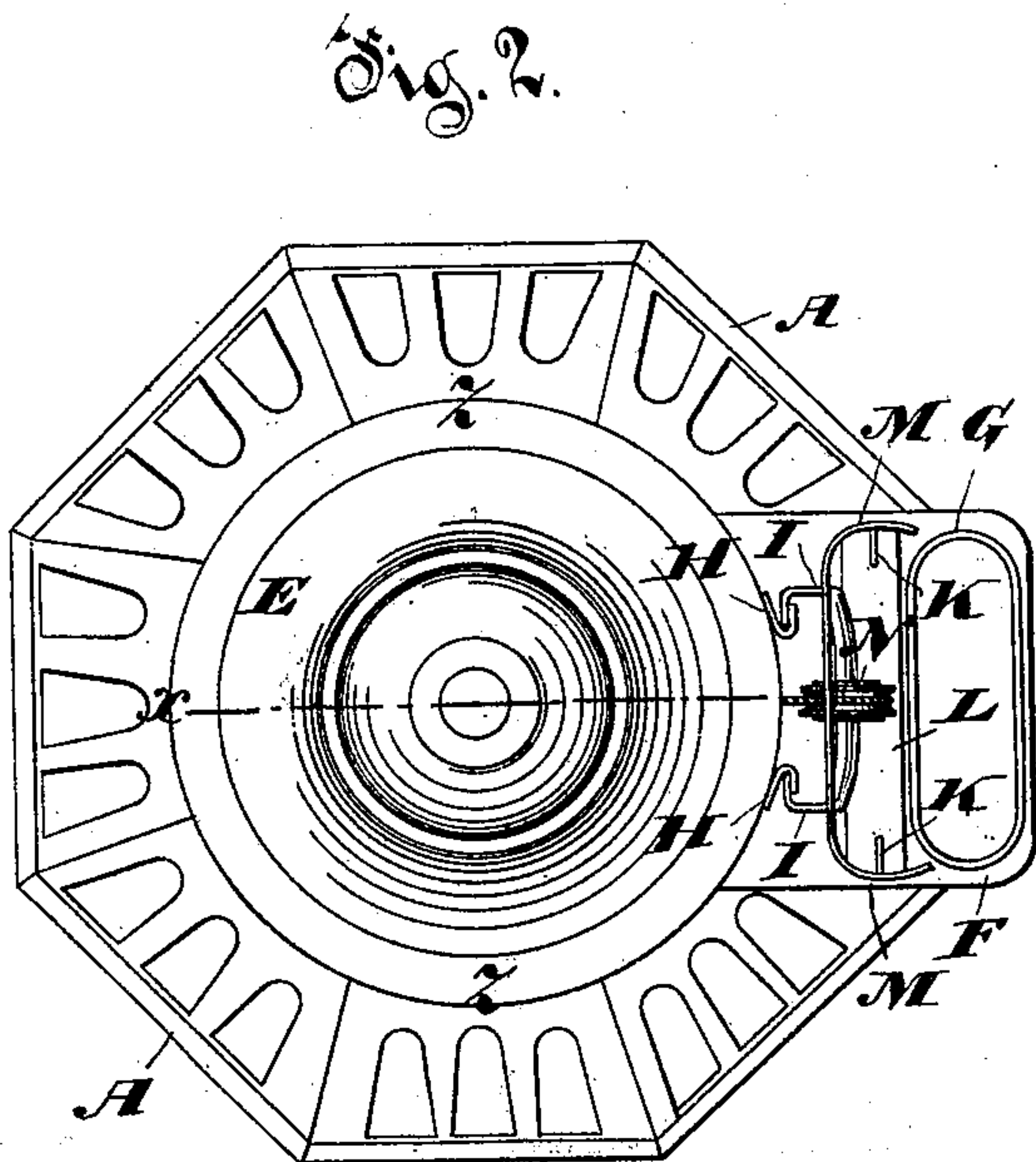
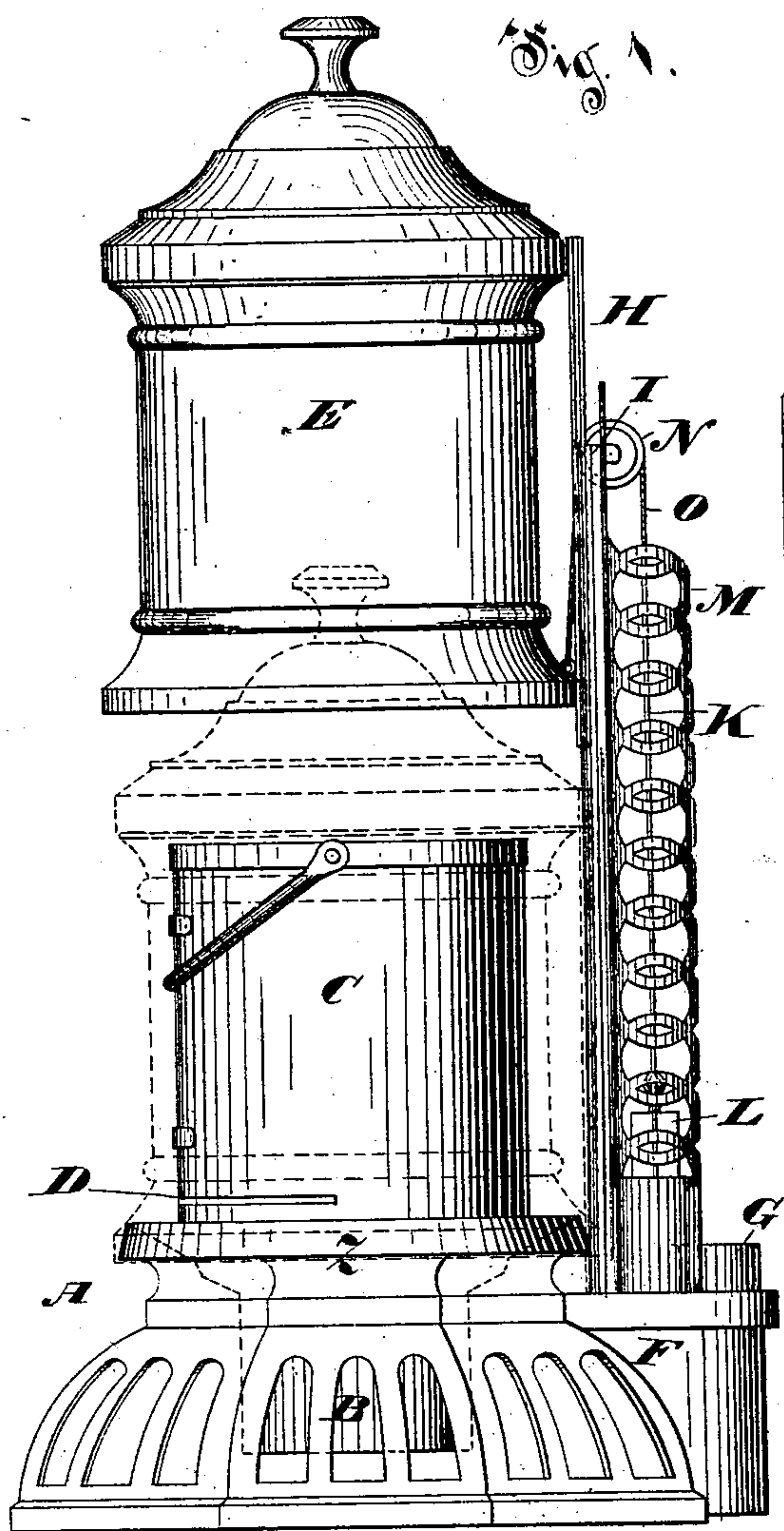


Fig. 3.

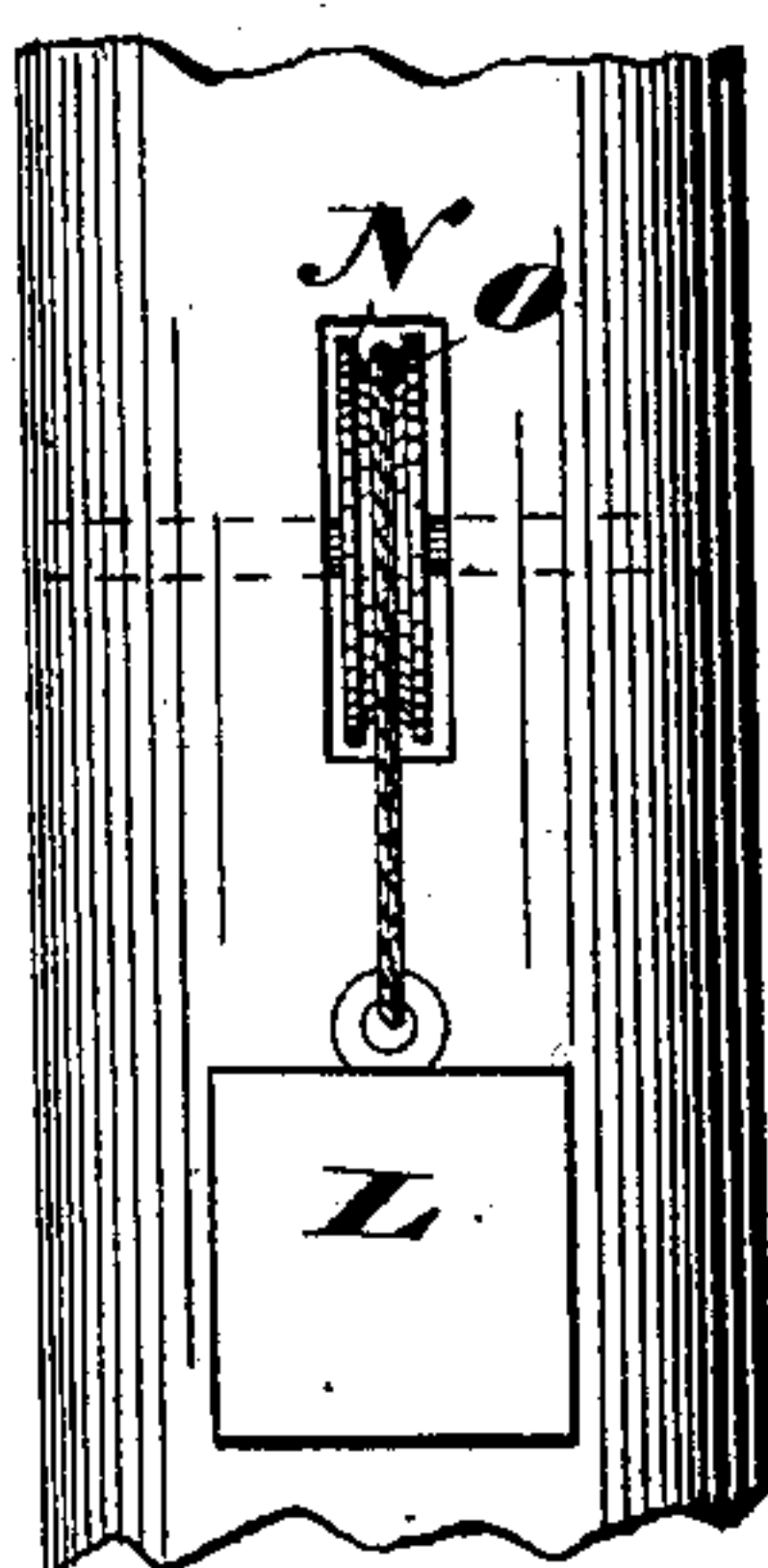
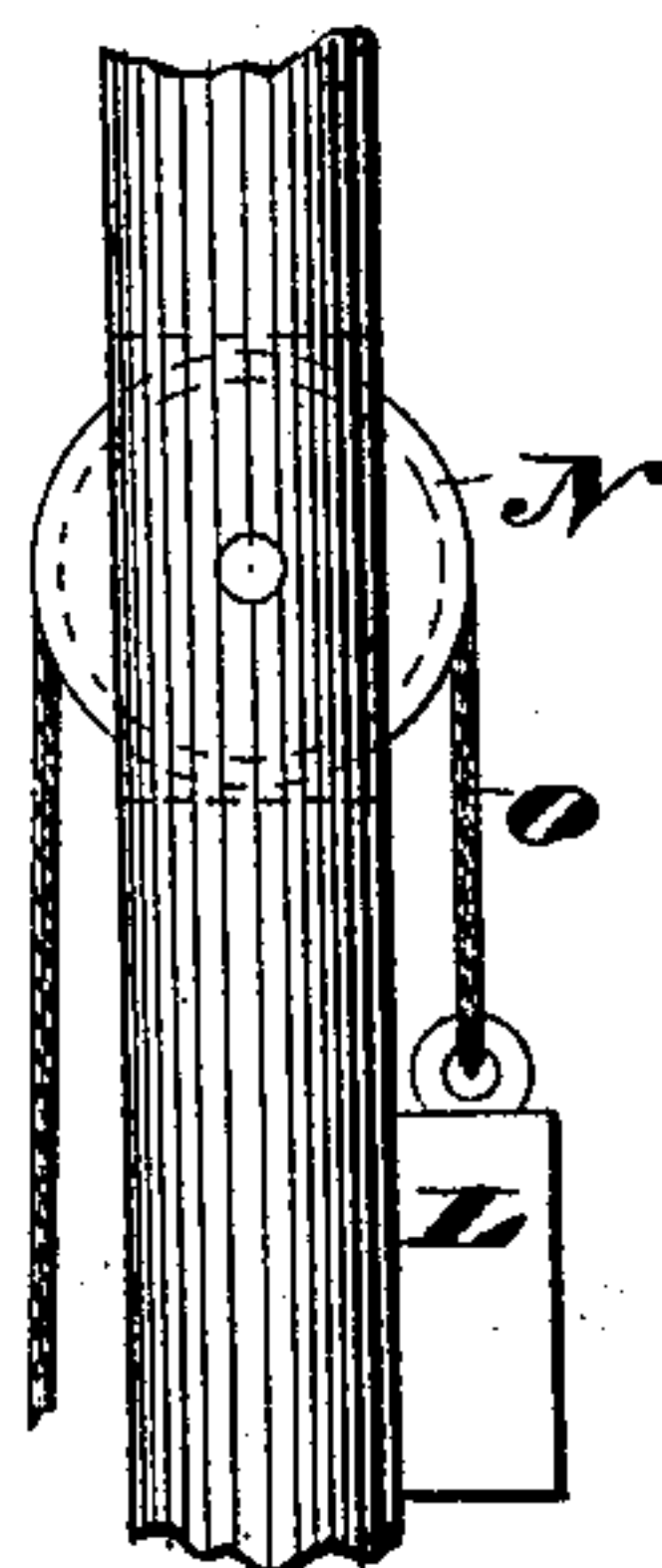


Fig. 4.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

GEORGE R. PROWSE, OF MONTREAL, QUEBEC, CANADA.

IMPROVEMENT IN STOVES.

Specification forming part of Letters Patent No. **206,198**, dated July 23, 1878; application filed June 7, 1878.

To all whom it may concern:

Be it known that I, GEORGE ROGER PROWSE, of the city and district of Montreal, Province of Quebec, Canada, have invented certain new and useful Improvements in Stoves having portable magazines; and I do hereby declare that the following is a full, clear, and exact description of the same.

This invention has reference to improvements on that class of base-burner magazine-stoves in which the upper part of the magazine is made portable to answer the purpose of a coal-hod or scuttle when removed from the stove, and that of an upper elongation of the magazine when placed upon the stove, for the purpose of providing such stoves with a more easily-operated cover for said hod or portable magazine.

In the drawings hereunto annexed, in which similar letters of reference indicate like parts, Figure 1 is a side elevation of my invention. Fig. 2 is a plan of Fig. 1. Figs. 3 and 4 are details of modification.

Letter A is the upper portion of the body of the stove. B is the lower portion of the magazine, situated within the body A, and being also situated in the ordinary position over the fire-pot of the stove.

The fire-pot and lower part of the stove, being of the ordinary construction, are not shown in the drawings.

C is a portable magazine or hod, having a removable bottom, which may be drawn out through the slot D, or otherwise made removable in various ways. E is the cover for C, made to sit upon the top of A and form a close joint therewith. F is the uptake, and G the flange for connecting with the ordinary flue or pipe to draw off the products of combustion to the chimney.

The whole of the above is arranged as heretofore invented.

The cover E is provided with slides H, made in one with, or securely attached to, the cover. I are guides situated on the upper surface of the uptake, and arranged to agree with the slides H, so that the cover E may rise vertically or in line with the vertical line of the stove. K are similar guides, up and down which a counter-balance, L, moves.

The guides I and K are attached together for mutual support by a frame-work, M, ornamental for the sake of appearance, and arranged to carry a pulley, N, over which a

wire cord or chain, O, passes, attaching the counter-balance L to the cover E, so that the cover may freely run up or down on the pulley, by the guides H on the slides I, to and from the positions shown by solid and dotted lines in Fig. 1.

When a pipe is connected with the flange G it may be utilized, instead of the frame-work M, to attach the guides to it, and carry the pulley N by inserting a casing in the pipe for the pulley N to rotate in and the cord O to pass through, so that the weight may be suspended at the back of the pipe, as shown in Fig. 3.

As other means of removing the cover E to allow of the hod or magazine C being put in place and removed therefrom, I have contemplated making the cover E in two parts, as indicated by the line *x* in Fig. 2, and hinging the two parts to a post situated vertically on the uptake F, and providing the two parts with ordinary and suitable catches for attaching them together, or allowing them to be separated readily; and, as a yet further means of accomplishing the same object, the cover E, made in two parts, may have each half hinged at the point Z to the top of the body A, and open out to the sides of the stove.

I am aware that a door has been placed in the upper portion of a stove to provide for the insertion or removal of an upper section of the fuel-magazine, adapted to serve as a coal-hod; but I am not aware of any construction that provides for the disclosure of the magazine-section on every side and admits its so convenient removal as mine.

Although various constructions and arrangements of parts are mentioned in the foregoing description, I beg to say that in the present application I disclaim all therein mentioned save and except as follows:

What I claim, and wish to secure by Letters Patent, is—

The combination of the body A, hod or magazine C, with cover E, having the slides H, guides I, and counter-balance L, substantially as described.

Montreal, 3d day of June, A. D. 1878.

GEO. R. PROWSE.

Witnesses:

CHARLES G. C. SIMPSON,
JNO. A. RENNIE.