

(No Model.)

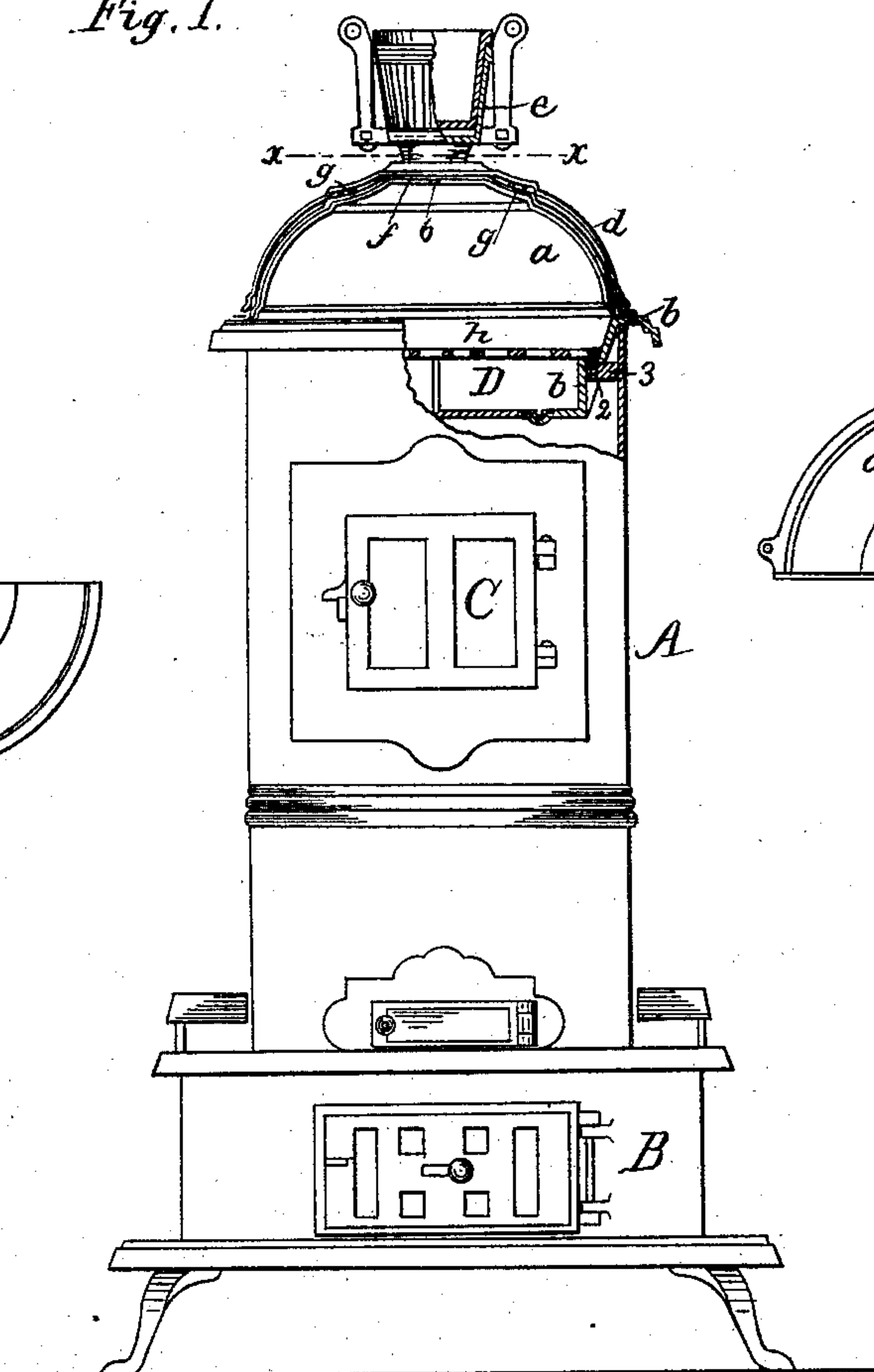
G. W. WALKER.

STOVE.

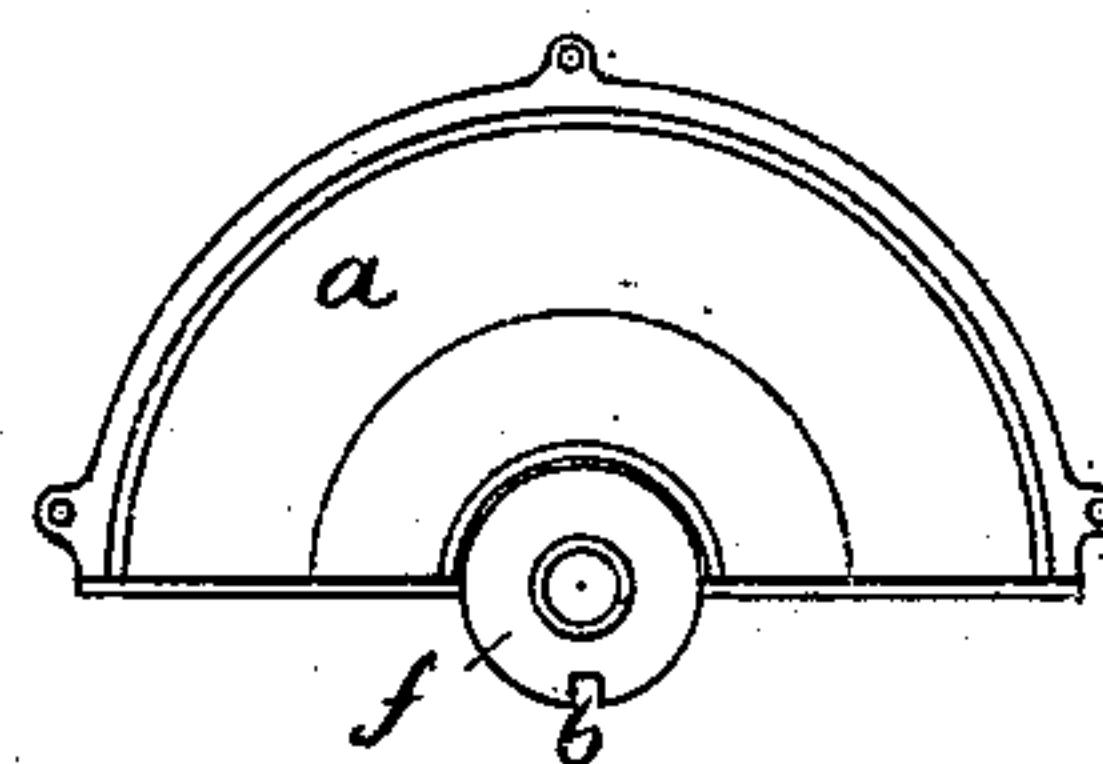
No. 275,442.

Patented Apr. 10, 1883.

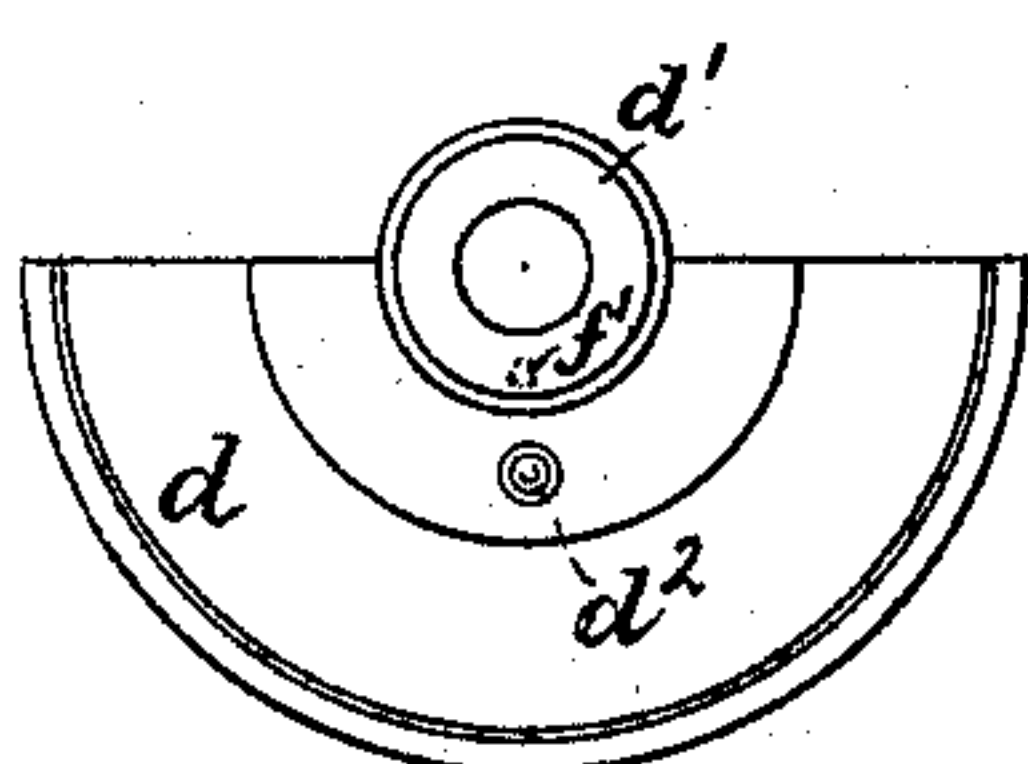
*Fig. 1.*



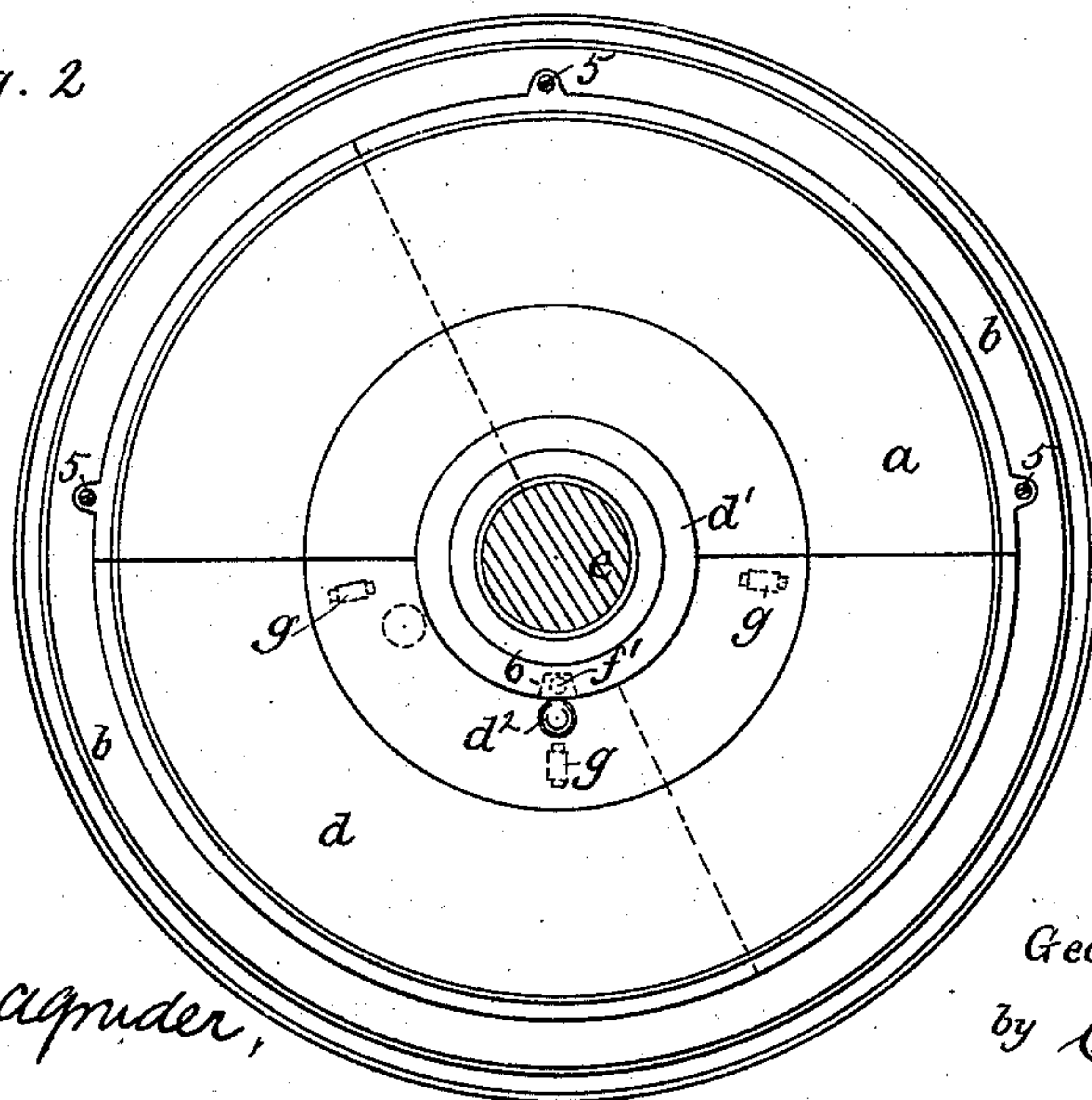
*Fig. 4.*



*Fig. 3.*



*Fig. 2*



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# UNITED STATES PATENT OFFICE.

GEORGE W. WALKER, OF MALDEN, MASSACHUSETTS.

## STOVE.

SPECIFICATION forming part of Letters Patent No. 275,442, dated April 10, 1883.

Application filed February 6, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. WALKER, of Malden, county of Middlesex, State of Massachusetts, have invented an Improvement in Stoves, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

The aim of my invention is to provide a parlor or heating stove with an oven in which to bake, or to place a kettle that its contents may be heated. I have provided an upright cylinder-stove with a cast-metal top to form an oven, and a dome-shaped shell forming a top or cover therefor. One half of the dome-shaped shell is fast with relation to the oven, but the other half of the shell is made to rotate about the stationary part when it is desired to gain access to the oven, it thus forming a movable cover or door for the oven. The ornamental water-urn is connected with the stationary half of the shell of the oven, and the foot of the urn serves as a pivot about which the loose half of the shell or cover turns. The cover or movable portion of the dome-shaped shell is provided with a supporting projection co-operating with a smooth track or guide upon the stationary portion to raise it and retain it above the stationary part during its rotary movement, and it preferably, also, has rollers to lessen the friction during its said movement. The rollers and the projection and track serve to keep the movable shell or cover from contact with the stationary part when it is being rotated.

My invention consists essentially in a stove provided with an oven-top having a dome-shaped shell or cover, one half or portion of which is made to revolve about the other half or portion, as will be hereinafter described.

Figure 1 represents in front elevation and partial section a parlor-stove embodying my invention, the top being broken out to show the same more clearly, the oven-cover or dome-shaped top being open; Fig. 2, a view below the dotted line *xx* of the top of the stove, on a larger scale; Fig. 3, a plan view of the cover or movable portion of the shell, and Fig. 4 a plan view of the stationary portion thereof.

The stove-body is shown as a cylinder, A, of sheet metal, on a base, B, and having a door,

C, all of usual construction. The top of the stove is composed of a stationary half-dome-shaped shell, *a*, fastened to the oven-casting *b* by screws 5, and of a corresponding movable shell or cover, *d*, having a collar, *d'*, which is made to surround the base of the urn *e*, the latter serving as the pivot for the cover *d*. The upper portion or apex of the stationary shell *a* is provided with a flat circular portion or track, *f*, extending around the base of the urn *e*, and provided with a socket or recess, 6, and the movable portion or cover *d* is provided with a supporting-projection, *f'*, which, when the cover is closed or the two portions *a* *d* are fitted together to form a complete dome-top for the oven and stove, enters the said recess 6. When, however, it is desired to open the cover so as to obtain access to the oven, the said cover *d* is raised sufficiently to remove the projection *f'* from the recess 6, and by turning the cover *d* by its handle *d*<sup>2</sup> the said projection is carried onto the track *f*, and the cover is thus supported in its further rotary movement, so that its under side does not rub over the upper surface of the stationary part *a* of the shell. The under side of the cover *d* is shown as also provided with anti-friction rollers *g*, which roll on the stationary part *a* of the top, making the movement of the cover more smooth and affording additional security against the abrasion of the outer surface of the stationary part.

The oven-casting *b* has a pan-like interior, forming a chamber or oven, D, provided or not with a shelf or grating, *h*, as may be desired, for the support of articles to be baked or heated. This oven-casting is shaped, as shown in Fig. 1, to rest on the cylinder A at its top, and also on lugs 3, where it is held by screws 2.

When it is desired to gain access to the oven the cover *d* is raised by its handle *d*<sup>2</sup> and turned about the urn *e* as a pivot until it overlies the stationary part *a* of the top, thus leaving the front half of the oven-casting *b* uncovered, and affording easy access to the oven or chamber included between the said casting and the dome-like shell, and when the said cover *d* is turned to the front of the stove it occupies the space not covered by the stationary part *a*, and, together with the said stationary part, forms a complete

dome-shaped top, which, together with the casting *b*, forms a closed chamber or oven at the top of the stove, as desired.

I claim—

5 1. A parlor-stove provided with an oven, and with an oven-top having a divided dome-shaped shell or cover, one portion of which is arranged, as described, to revolve about the other to permit access to the oven, substantially as specified.

10 2. The combination, with the body of a parlor or heating stove, of an oven-casting in the top of said body, a dome surmounting said body and oven, and composed of a fixed and pivoted portion, and an urn upon which said pivoted portion finds its bearing, and is movable to uncover and cover the oven, substantially as described.

3. The fixed shell provided with a guide or

track, combined with the movable shell having a supporting projection working on the said track, whereby the surfaces of the shells are prevented from coming in contact during the movement of the movable shell, substantially as described.

4. The combination of the fixed shell with the movable shell or cover, adapted to rotate about it, and provided with anti-friction rollers, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. W. WALKER.

Witnesses:

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W. H. SIGSTON.