

(No Model.)

S. WATERMAN.
ADJUSTABLE STOVE COVER.

No. 378,271.

Patented Feb. 21, 1888.

Fig. 1.

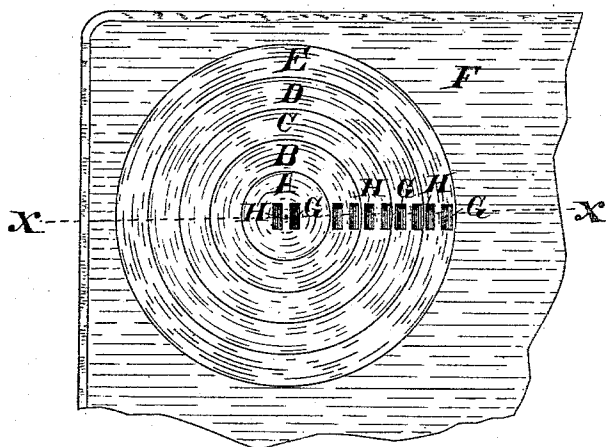


Fig. 3.

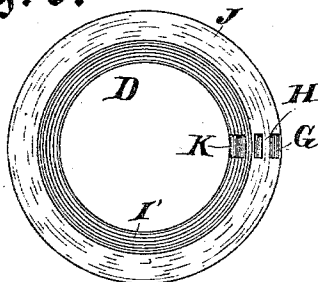


Fig. 4.

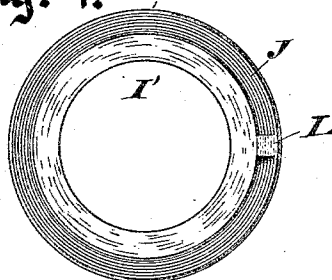


Fig. 2.

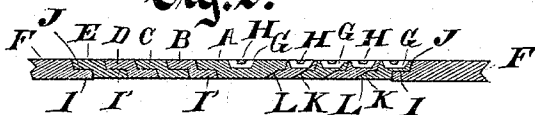
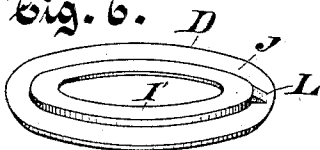


Fig. 5.



Fig. 6.



Witnesses.

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE STOVE-COVER.

SPECIFICATION forming part of Letters Patent No. 378,271, dated February 21, 1888.

Application filed September 24, 1887. Serial No. 250,595. (No model.)

To all whom it may concern:

Be it known that I, SARAH WATERMAN, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Adjustable Stove-Covers; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention, while I provide for obtaining stove-holes of varied and adjustable sizes and for the covers and lids thereto, respectively, consists, also, especially in providing means for guiding and securing the several rings or parts of the cover in proper and convenient positions for handy use.

In the drawings, Figure 1 is a small section of the top of a stove having a stove-hole with my adjustable and interlocked cover thereon. Fig. 2 is a vertical section centrally on line X X of Fig. 1. Fig. 3 is a top view of one of the rings of which the cover is composed. Fig. 4 is a bottom view of the same ring shown in Fig. 3. Figs. 5 and 6 are top and bottom perspective views, respectively, of one of the rings of the cover.

The same letters refer to like parts in all the views.

In the drawings, F represents the top plate of a stove, in which there is a stove-hole covered by my improved lid made up of the center piece, A, and of the series of rings B, C, D, and E. Each of the parts of the cover A, B, C, D, and E is provided in its top with a recess, G, adapted for receiving and holding the end of a stove-handle, whereby the cover or part of the cover is raised or handled conveniently. This recess is preferably constructed with a central cross-bar, H, under which the end of the handle is adapted to enter and be retained in position. The top plate of the stove is provided with a ledge, I, at and near its under surface about the stove-hole, on which a corresponding flange, J, at and near the upper surface of the outer ring of the lid about its periphery, is adapted to rest, whereby the stove-cover is supported in place. Each of the rings E, D, C, and B is also provided with a ledge, I', of similar form and construction

as the ledge I, and each of the rings D C B and the central part, A, are provided with a flange of similar form and construction to the flange J, whereby the central part, A, and the series of surrounding rings B, C, D, and E are fitted and adapted to rest upon and be supported by the next successive outer ring, the last ring, E, being fitted to and supported on the plate F.

It will be seen that the central part, A, may be removed without disturbing the rings B, C, D, or E thereabout, or that any one of the several rings may be removed, thereby raising therewith the interior ring or rings and the central part, A, without disturbing the outer ring or rings whereby the stove-opening may be made of such size as is desired, whereby a single stove-hole, by the use of this peculiar lid, is adapted for use for any vessel, either large or small. By reason of the number of parts of which this stove-cover is composed, it is very desirable that the several recesses G for the handle should always be near together, and preferably in a common line convenient for use. For the purpose of securing an alignment of the recesses G G, and for securing the several parts of the lid together in such position, I provide a recess, K, in the top of the ledge I' of each of the rings of the cover. This recess is constructed with vertical lateral sides and with an inclined rear surface. I also provide on the under side of the flange J of the center piece, A, and of each of the rings except the outside one, a downwardly projecting locking-guide, L. This locking-guide L is provided with vertical lateral sides and with an upwardly-inclined front surface, whereby it is adapted to be received and retained in the recess K, thereby locking the parts together against any circular movement horizontally. The incline on the front surface of the guide-lock L is intended for securing a ready and easy adjustment of the parts to each other, and the rear of the recess K is beveled correspondingly to fit the surface of the guide-lock L, so as to make a comparatively tight joint at that place. The guide-lock L and corresponding recess K are so located that when the parts are properly adjusted together the several recesses G G will be in line, as shown in Fig. 1, the guide-locks L and recesses being prefer-

ably located in the same line with the recesses G. The number of rings of which the stove-cover is composed may be varied as desired.

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

An adjustable interlocking stove-lid consisting of a central part, A, and a series of successively encompassing rings, B C D E, each
10 of the rings being provided with a recess, K, and the center piece, A, and each of the rings except the outside one being provided with a

guide-lock, L, adapted to enter the corresponding recess K, the center piece, A, and each of the rings being also provided with a recess, G, 15 and a supporting-flange, J, and the rings each having a ledge, I, all located, constructed, and arranged substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SARAH WATERMAN.

Witnesses:

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