

H. A. TINKHAM.
Attachment for Stoves.

No. 213,596.

Patented Mar. 25, 1879.

FIG. 1.

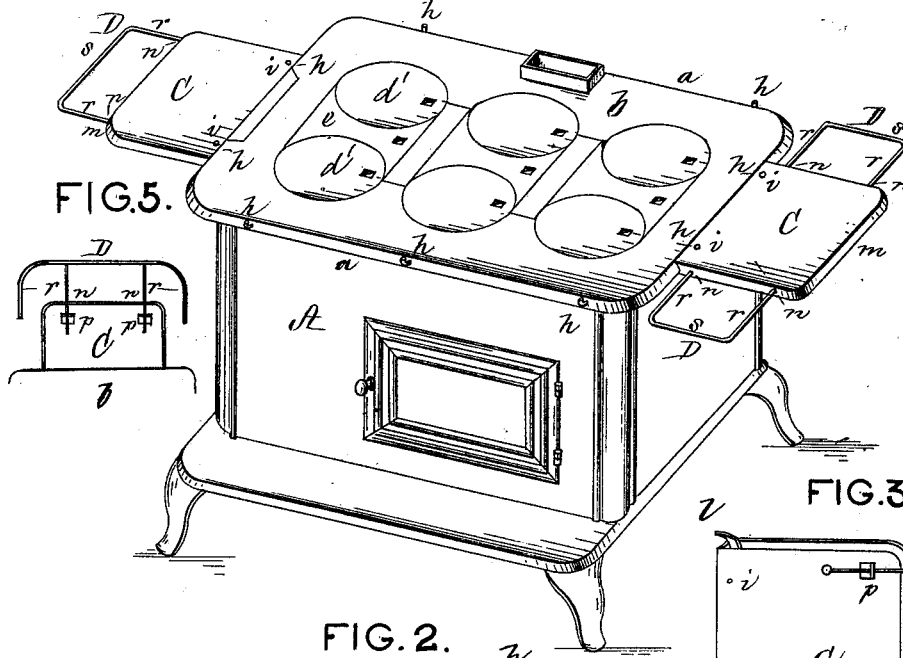


FIG. 5.

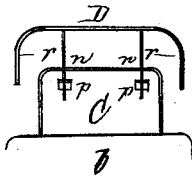


FIG. 2.

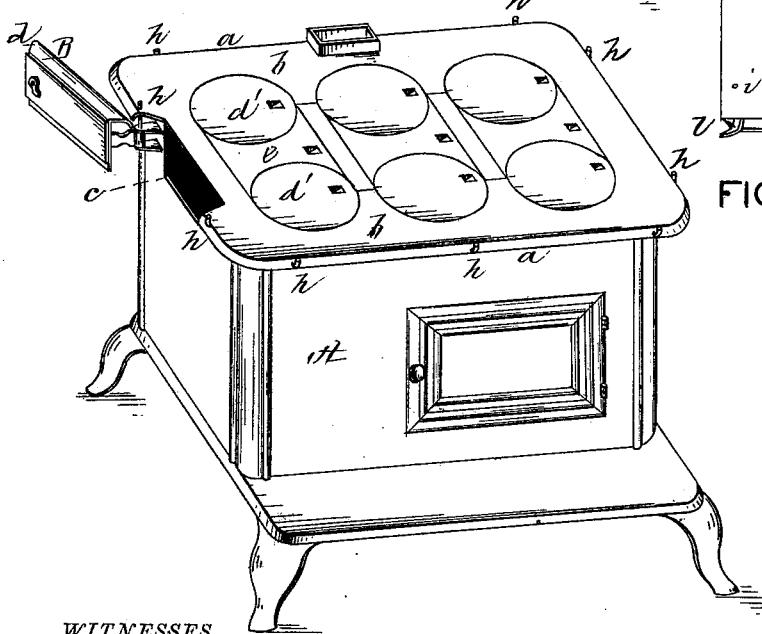


FIG. 3.

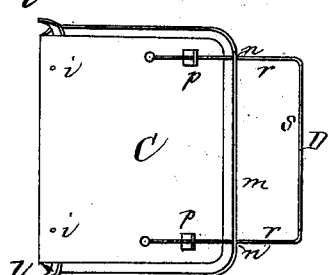
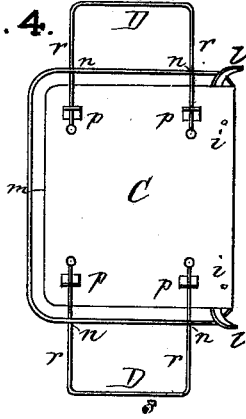


FIG. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN ATTACHMENTS FOR STOVES.

Specification forming part of Letters Patent No. 213,596, dated March 25, 1879; application filed February 17, 1879.

To all whom it may concern:

Be it known that I, HOWARD A. TINKHAM, of Norton, in the county of Bristol and State of Massachusetts, have invented certain Improvements in Attachments for Stoves and Ranges, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective of a cooking-stove provided with a broiler-door, and having my combined shelf and towel-support applied thereto. Fig. 2 is a perspective of the said stove with the broiler-door open, my combined shelf and towel-support being removed therefrom. Figs. 3, 4, and 5 are plans of the under sides of several styles of my combined towel-support and shelf detached from the stove.

My present invention relates particularly to that class of stoves or ranges provided with an attachment for use as a towel-drying support. A support for this purpose now employed is so constructed as to either slide out from, or in under, the rim or ledge formed by the top plate, projecting beyond the upright sides of the body of the stove, according as the said support is to be drawn out, when required for use, or closed in, when not so required; a towel-support of this construction being described in Letters Patent of the United States No. 192,088, and in Reissue No. 8,137 of same.

A towel-drying attachment of this style answers well for stoves of ordinary patterns, but cannot be applied to a stove provided with a broiler-door—*i. e.*, the door which extends up and opens and closes through the projecting ledge of the top plate—for the reason that the broiler-door cannot be swung open when the towel-support is either drawn out or closed, and as it has projections which serve as stops on its ends, it cannot be removed from the stove, said style of stoves (those provided with broiler-doors) being now extensively made to supply an increasing demand.

My present invention consists in the connection, with a stove or range, of a combined shelf and towel-support, which may be adapted to slide either thereunder or thereon, the shelf,

with the support either drawn out or closed, being instantly applied to any portion (front, back, or sides) of the stove, and being so constructed as to admit of ready removal, which makes it especially useful when applied where the broiler-door is located, should it be necessary to open it to insert and use the broiler.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents the stove, one end of which is provided with a broiler-door, B, the ledge or rim *a* of the top plate, *b*, of the stove projecting beyond its vertical sides, and being cut away at this point, in order that the top of the broiler-door may be swung into the recess, *c*, formed thereby. The top of this door B is provided with an outwardly-projecting flange, *d*, which, when the door is closed, forms, with the ledge *a* of the top *b* on each side thereof, a continuous projection, similar to that made by the overhanging top plate, *b*, on other sides of the stove.

This construction is novel and in great demand, as thereby meats or other food may be placed on a broiler, which can be inserted through the aperture *c* over the fire, thus avoiding the inconvenience incident to the removal of the covers *d'* and bridge *e* of the top plate, *b*, between them, and also the entrance into the room of the fumes of the article being cooked.

Rising from the rim or flange *a* of the top plate, *b*, at each side of the broiler-door, is a short teat or pin, *h*, by means of which a shelf or leaf, C, may be readily attached to the stove, so as to project out beyond and on a level with the top plate, *b*, the said shelf being provided with apertures *i*, for the reception of the pins *h*, and being cut away or notched at its inner ends, so as to form hooks *l*, which catch under the projecting top plate on each side of the broiler-door, and thus support the shelf as desired. This shelf C has its two sides and outer edge turned down, so as to form an inclined flange, *m*, through apertures *n* in the ends of the outer portion of which, and in eyes *p* thereunder, slide the two parallel ends *r r* of a rod or wire, which, when drawn out, as seen in Fig.

1, performs the office of a support, D, upon which to place towels or clothes when washed and required to be dried, the side or parallel portions *r r* of the towel-support being bent at right angles to the outer portion, *s*.

When required for use the towel-support is drawn out from its position against the inclined flange *m* of the shelf into the position indicated in Fig. 1, small knobs or projections on the ends of the parallel portions *r r* serving as stops to prevent the towel-support from being drawn out too far and becoming detached from the shelf.

This combined shelf and towel support or rack may be applied to either side, back, or front of the stove by means of pins *h*, rising therefrom, and apertures *i* in the shelf C, and may be instantly detached from either one of these positions and applied to another, as most convenient; and where it is attached to the front end, having the broiler-door, the latter may be swung open after first removing the combined shelf and towel-support.

As the ends of the parallel sides of the towel-rest described in United States Letters Patent No. 192,088, and in Reissue No. 8,137 of same, are enlarged, the rest cannot be detached from the stove, and consequently would not be adapted for use in a stove provided with a broiler door, and such rest could not pass through the door, as the parallel sides would then be obliged to pass into or immediately over the fire, which would heat the support to such a degree that it could not be handled, and would burn the articles to be dried if placed thereon.

I am aware that a removable shelf by itself alone is a well-known attachment to stoves and ranges, and I lay no claim to the method

of attaching the same by means of pins *h* and apertures *i*.

Instead of the eyes *p* being under the shelf C, they may be at one side or on top thereof without departing from the spirit of my invention; but I prefer them located underneath, as previously described.

Fig. 4 represents my towel-support made to slide under and on opposite sides of a shelf to be applied to the end of the stove opposite that provided with the broiler-door. In Fig. 5 the towel-rack is shown extending around the sides as well as the end of the shelf C.

It is evident that my combined towel-support and shelf may be employed to good advantage on stoves not provided with broiler-doors; but I know of no other attachment combining the above-named functions applicable to stoves in which the broiler-door is employed.

What I claim as my invention, and desire to secure by Letters Patent as an improved attachment to stoves and ranges, is—

1. The combined shelf C and sliding towel-support D, constructed to operate substantially as described.

2. As an improvement in attachments to stoves and ranges provided with broiler-doors, the combination of a removable shelf, C, and a sliding towel-support, D, constructed to operate substantially as and for the purpose set forth.

Witness my hand this 13th day of February, 1879.

HOWARD A. TINKHAM.

In presence of—

E. L. HADAWAY,
ALBT. N. PARLIN.