

Calhoun

J. M. J. Watson,

United States Patent Office.

JOHN J. WATSON, OF COATESVILLE, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND HIRAM WATSON, OF SAME PLACE.

Letters Patent No. 100,571, dated March 8, 1870; antedated March 1, 1870.

IMPROVED STOVE-SHELF AND DRIER.

The Schedule referred to in these Letters Patent and making part of the same.

I, JOHN J. WATSON, of Coatesville, in Chester county, and State of Pennsylvania, have invented certain Improvements in a Stove-Shelf and Drier combined, of which the following is a specification.

The nature of my invention consists in the arrangement of a shelf and drier, so as to revolve independently of each other on a vertical shaft, and in the manner of bracing the shelf and clamping the combined shelf and drier to stoves, clearly shown by the accompanying drawings, in which—

Figure 1 is a perspective view of all the parts combined.

The same letters refer to the same portions shown respectively in profile and detached.

A, the vertical column, shouldered at top *a* for the shelf B, with its brace C held centrally by a bolt through the shelf, the rounded foot partially encircling the vertical shaft A, resting and moving upon the drying-rod support D, which latter also rests on a collar or shoulder, *d*, on the shaft.

Ornamental side-braces *e* are shown connected with the shaft and foot-piece F.

f shows a corner-brace to the foot F and column A.

G is a clamp-piece that fits under the ledge of the stove.

H, an adjustable slotted brace for the clamp.

E, the drying-rods, boxed out at one end, to fit into a notch flush with the top D, and supported beneath by a loop, *x*.

K shows a deep round lid or cover that fits within the raised edge of the circular shelf, and is used to prevent too rapid evaporation of food placed on the shelf.

The top of this lid may be left plain and the handle

placed on the side, and may be used as a shelf also.

This combined shelf is easily attached to the projecting flange of any stove ordinarily in use, and by making the clamp-screw long enough, and placing the slotted brace H and burs under the foot-piece F, it may be used from the bottom to the top, being, however, better adapted to the cook-stoves now in use.

The foot F is set at any point desired, and the counterpart G, with its claw-end, placed beneath the flange on the stove I, and the slotted brace H adjusted against the body of the stove. Then, by turning the binding or thumb-screw *g*, the foot and column will be firmly clamped to the stove, the rod-holder D is slipped on, and the shelf B, with its brace C, also put in place.

The shelf and drier revolve freely on the column, independently of each other, and can be placed in any position relatively to one another or with the top of the stove.

I am aware that stove and stove-pipe shelves are not new, but I am not aware that any arranged substantially as herein described were ever used.

What I claim as my invention; and desire to secure by Letters Patent, is—

The arrangement of the flanged shelf B with its brace C, revolving jointly around the vertical support A, in combination with a revolving holder, D, for rods E, said support A being provided with a foot-piece, F, clamp-piece G, and a slotted adjusting-brace, H, for attaching the same to a stove, in the manner and for the purpose specified.

Witnesses:

WM. R. ASH,
CALEB MERCER.

JOHN J. WATSON.