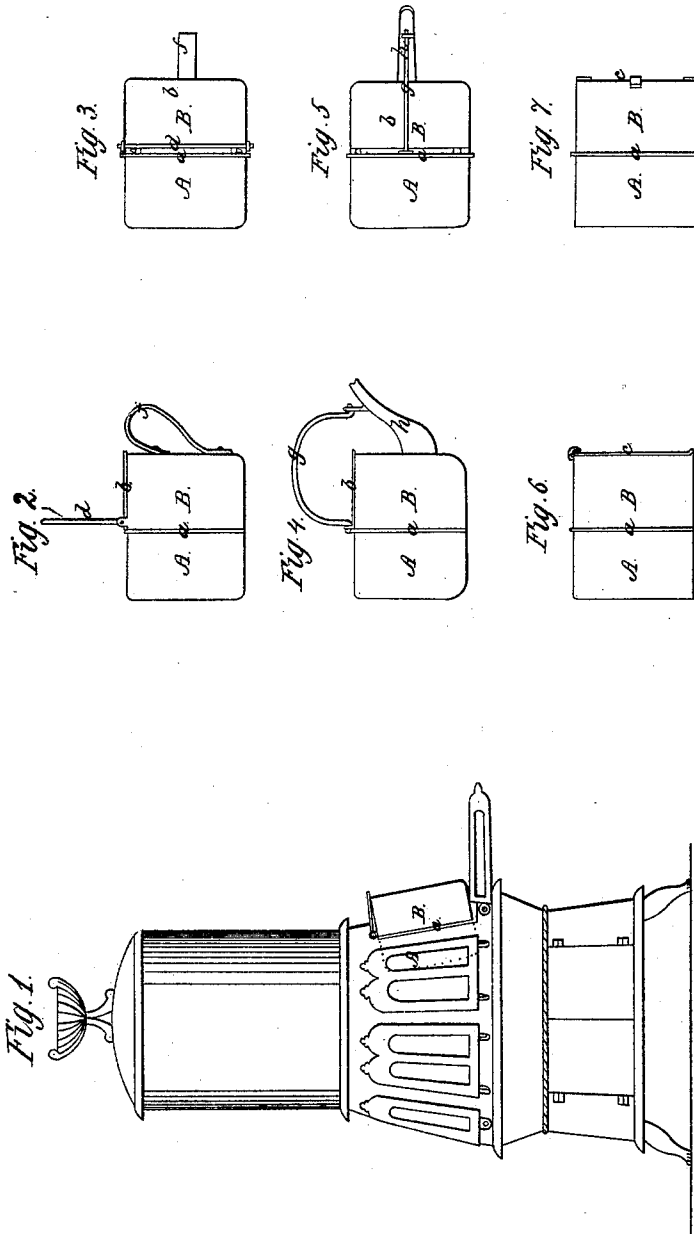


*S. Spoor.*

*Cooking Utensil.*

*N<sup>o</sup> 86,108.*

*Patented Jan. 19, 1869.*



*Witnesses.*  
*Henry H. Ebaugh*  
*J. S. Brown.*

*Inventor.*  
*Stephen Spoor*



STEPHEN SPOOR, OF PHELPS, NEW YORK.

Letters Patent No. 86,108, dated January 19, 1869.

COOKING-UTENSIL.

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

To all whom it may concern:

Be it known that I, STEPHEN SPOOR, of Phelps, in the county of Ontario, and State of New York, have invented an Improved Construction of Cooking-Utensils; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a representation of a heating-stove, showing the method of using my improved cooking-utensils.

Figures 2 and 3, 4 and 5, 6 and 7, respectively, side and top views of a boiler, a tea-kettle, and an oven, constructed in my improved manner.

Like letters designate corresponding parts in all of the figures.

The purpose of my invention is to produce a set of cooking-utensils, which can be inserted in openings in the vertical or upright sides of stoves, and be self-balancing or self-supporting therein.

They are intended particularly to be applied to heating-stoves, and to be inserted in door, window, or other openings in the sides thereof.

They are especially applicable and useful for magazine-stoves, such as have illuminating-doors or mica windows, the frames of which swing away, and leave openings into the combustion-chamber thereof.

The cooking-utensils, in order to be admitted in such openings, have one portion, A, thereof of a size to nearly fill, and a shape to properly fit therein, and these portions comprise a sufficient proportion of the whole vessel to rest supported in the openings, either by overbalancing the portion B, which remains outside of the stove, or, if not thus overbalancing, by fitting sufficiently close therein, and having enough depth, from front to rear, to tip and bind in the openings, and thus be supported.

Generally, in the magazine-stoves now in use, the faces around the window-openings are inclined inward a little, from bottom to top, so that the utensils rest against the sides all the more securely.

The utensil, when inserted, rests on the lower edge or ledge of the opening, or, when the door or window-frame turns downward into a horizontal position, as shown in fig. 1, it may rest partly thereon.

As the form of these openings is generally rectangular, or nearly so, the portion A of each utensil approximates thereto; but the corners may be rounded off.

Between the portions A and B is a flange or shoulder,

*a*, to bear against the side of the stove, fix the position of the utensil, and cover the joints around it.

The portion A, including one-half, or thereabout, of the whole utensil, being inserted within the stove, is subjected to the immediate action of the heat in the fire-pot, or combustion-chamber, so that the viands are cooked, or the liquids heated, rapidly therein.

There are, or may be, vent-holes in the top of the portion A, for the steam to escape by into the stove, from the boilers or tea-kettles, and for vapors and smoke to escape through into the stove from the oven, boiler, or griddle.

The lid, *b*, of the boiler or tea-kettle, figs. 2, 3, 4, and 5, may be on the outside portion, B, but might be on the inserted portion, A. For the oven, figs. 6 and 7, broiler, or griddle, a door, *c*, in front, is most convenient.

The handle or bail, *d*, of the boiler, figs. 2 and 3, is hinged to the projecting portion B, so located as to suspend it centrally, as nearly as possible.

It may have a handle, *f*, in front, instead of or in addition to the bail *d*.

The handle or bail, *g*, of the tea-kettle may be hinged at one end to the top of the portion B, as near as possible to the shoulder or flange *a*, and at the other end to an ear on the spout *h*.

I am aware that boilers have been so constructed and arranged as to derive their heat through the side or rear plates of a stove, but in such cases the boiler has been supported by legs upon the same, or by other means than the opening in the side of the stove. Therefore I do not claim broadly such an arrangement of a boiler; but

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

1. A cooking-utensil, constructed and arranged to fit in the door or window-opening of a heating-stove, and partially project into the interior of the same, so as to be self-sustained, or supported therein, substantially as and for the purposes herein specified.

2. Cooking-utensils, so constructed and arranged as to project through the side of a heating-stove, into the interior thereof, and be subjected to the immediate heat of the fire in the combustion-chamber, for the purpose set forth.

The above specification signed by me, this 12th day of November, 1868.

STEPHEN SPOOR.

Witnesses:

J. S. BROWN,  
EDM. F. BROWN.