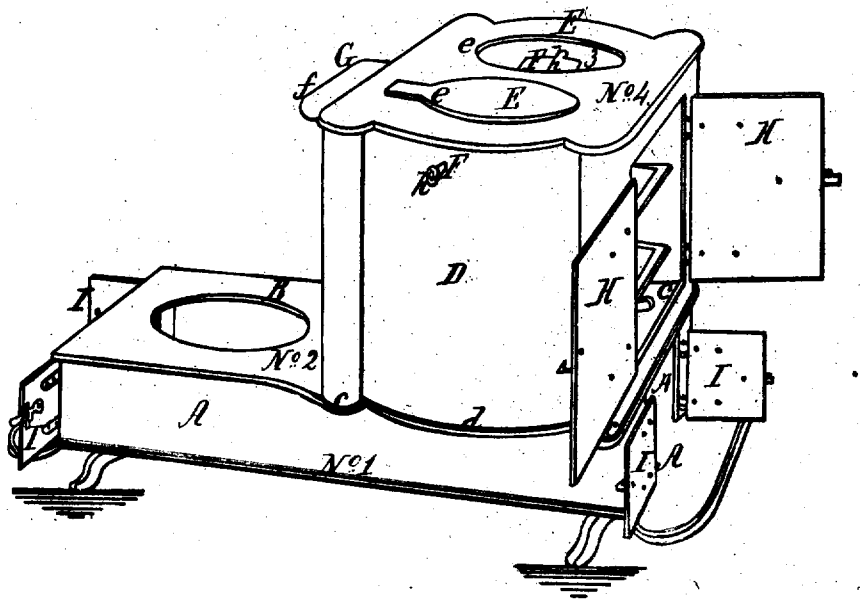
8335X

H. Bartlett,

Cook Stove.

Patented Aug. 1. 1834.



8/1/1834 8335X

Aug. 1. 1834 371

Horace Bartlett Carmel New York

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Horace Bartlett, himself, of his improvement in the Cooking Stove

To all to whom these presents shall come

Be it known that I, Horace Bartlett, of Carmel, in the County of Putnam and State of New York, have invented a new & useful improvement in the form and construction of my present patented Cooking Stove, and that the following is a full and exact description of the construction and operation of the said Cooking Stove as invented or improved by me. The bed for the fire is as in the stove from front to rear, see plate No. 1, letter A. A plate forming the remaining part of the bottom, turning in a horizontal form from the top of this bed to the full length of the stove; which, for the sake of description, I call the wings see plate No. 1, Plate No. 2, forms the bottom of the oven, over the bed for the fire or plate No. 1, in Between these plates the blaze is cramped suddenly off, forming thereby a more powerful draft. Thro' this plate, in the bottom of the oven, and back of the main body of the stove, are holes for boiler plate No. 2 letter b at each corner of this plate, is a hole for the smoke, over which stands a pipe, in the form of a half circle, letter c. Between these pipes, connected with them in a circular form, is a piece forming the end of the stove. Having these pipes in a piece forming the length of the oven, leaving an opening for the smoke, letter d. Upon the top of these pipes is a plate forming the top of the oven, plate No. 3. over this is another, raised knobs, forming what I call the dome plate No. 4. through which, at each end, is a hole for boiler, letter e. From the back part of this dome extends the pipe letter f. through the bottom plate of the dome, which forms the top of the oven, is

8335X

2

2 whole lotter g. this conveys the flame into the drum, when boiling; when baking, this is closed by a damper on the under side of the plate, between these plates b.c. the inside of the drum, are the dampers, see letter k. plate 1st 3. doors opening from the centre. What I claim as my improvement, is extending the bed for the fire, back of the main body of the stove. What I claim as next, and a useful invention to community, is, extending the bed for the fire so far back, that it receives long wood, and only about one half of it is burning at a time, until the draft door is opened at the back end, which may be done, when more heat is required. thus putting in long wood, leaving it perfectly under the control of its manager, consuming no more than what is required for immediate use; thereby saving the expense of cutting the wood into short pieces; acting something on the principle of burning coal from the base; but this being in a horizontal form, I believe to be new and never before used to my knowledge, when applied to wood for a cooking stove.

Witness
Henry Hanford
David H. Hiles

Horace Bartlett

624 and 625

Exd.
M.F.C.