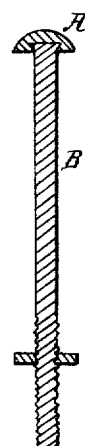
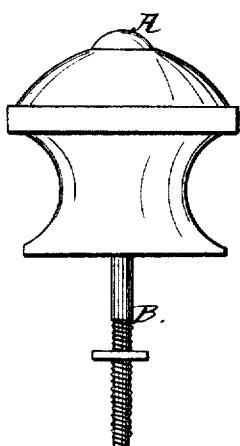


9185X

O. Merrton,
Knob Screw.
Patented Oct. 17, 1895.



9185X

Oct 17, 1835

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Horatio B. Wade of Cincinnati Ohio

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same, containing a description in ^{his} words of the said Horatio B. Wade himself of his improvement in the Cooking Stove.

To all to whom these presents shall come.

Be it known that I Horatio B. Wade of Cincinnati in the County of Hamilton and State of Ohio, have invented a new and useful improvement in the Cooking Stove, and that the following is a full and exact description of the construction and operation of the said Machine as invented or improved by me. — In shape it is either square or oblong; the top consisting of a plate which has the central or interior part thereof removed so as to produce a narrow rim or frame all round having the interior circumference flanged & grooved so as to allow another plate to be placed thereon which is to be perforated with openings for the Cooking vessels &c.

The bottom is composed of another plate having the central part throughout the length removed for the sake of the draft for the fire. one end has in it a door or panel which opens to near about the bottom of the grate or base placed for the combustion of the fuel so that I here apply a moveable hearth ^{for the purpose of} broiling &c. The other end has an opening for the introduction of a pipe to carry off the smoke &c.

Now the sides of this stove are left open from their outer edge at some short distance within where another plate at each side rises perpendicularly up the side of the door at one end and all the way across (from the bottom) to the other end (containing the pipe) where it joins in this manner the

two

can not be made out

two ends and encloses the stove; having the upper parts of each side flared or sloped outwards so as to meet or join with the narrow rim or frame at the top plate and thereby and thereby form a permanent and fixed fire chest or stove into which the fuel is introduced by the door, and rest upon the bars which form somewhat less than one half of the length of the bottom plate or grate which is placed on a level with the bottom of the door, and at the same time raised some distance above the bottom of the stove first described as containing the opening for the draft through the fire, so that the door occupies nearly the center of the end in which it is placed.

To each of the open sides is adjusted a reflector or oven, having the top and bottom sloped at a considerable angle the first down and the latter up from their juncture with the top and bottom of the stove first described. The two ends and the side are perpendicular & it is joined at the open side to that of the stove by means of hooks at the top from the stove to the reflector and the bottom rests on the bottom plate of the stove which contains the draught hole.

The reflectors are fitted up in the usual manner for roasting baking oven with divisions and shelves or store-panns as common. The whole rests upon feet or a stand.

What I claim as my own and not previously known in the above described machine is not the entire fire chamber having reflectors each side, but the manner or method by which I form my fire chamber in a permanent and fixed situation extending from one end to the other of the stove as already described, and the application of the moveable hearth to the door thereof, according to the manner I have set forth, being an improvement upon the cooking stove heretofore patented (having a moveable fire chest and without any hearth)

In Testimony that the above is a full and exact description of my improvement as invented or improved by me, I have herewith set my hand this twenty seventh day of August in the year eighteen hundred and thirty five.

Witnesses

Daniel H. Meader }
O. Moorhead }



Horatio B. Wade

928. 1000]

Ed.
M.H.