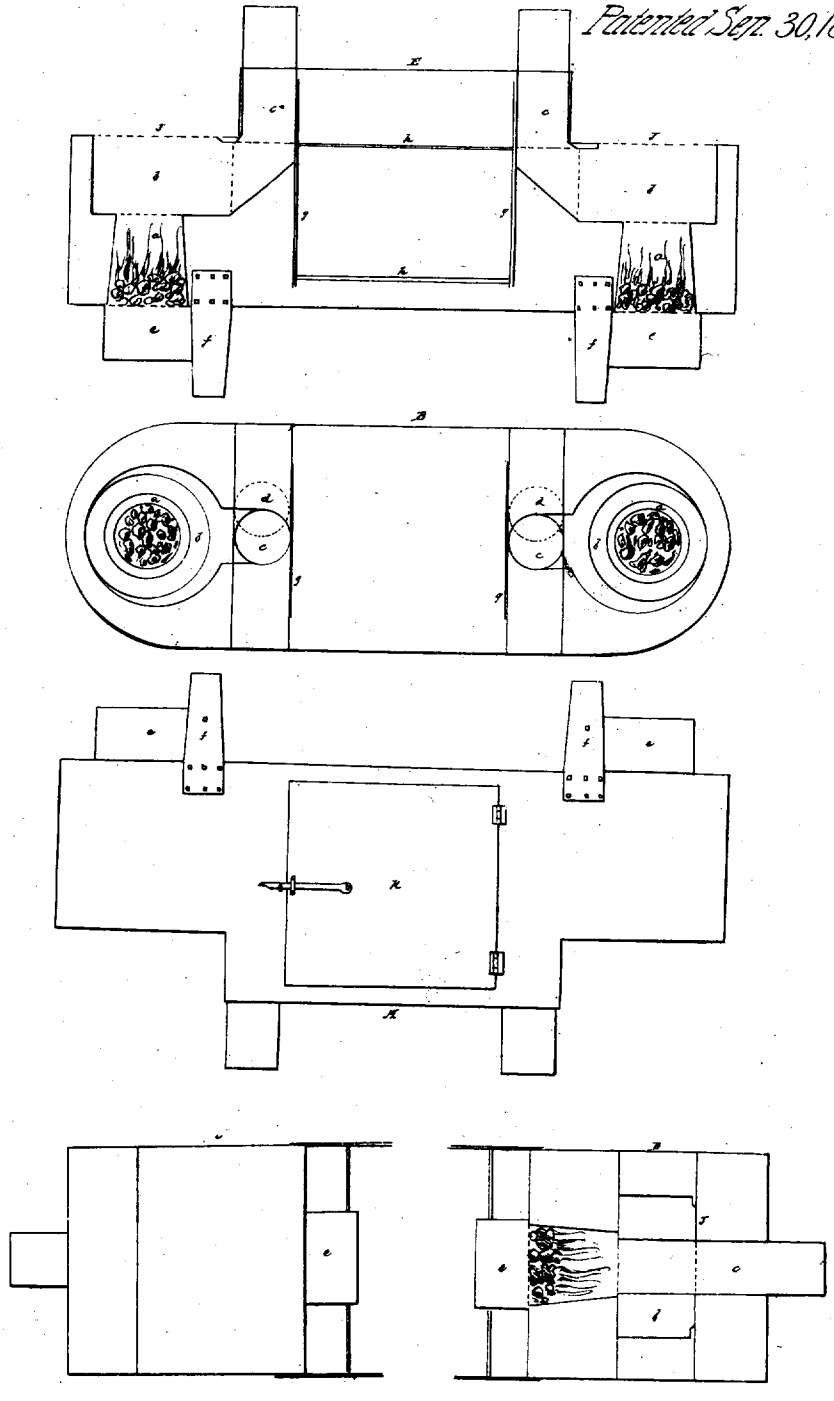
The specification
is not in

8425X

I. St. John

Domestic Oven.

Patented Sep. 30, 1834.



THE NORRIS PETERS CO., WASHINGTON, D. C.

Dec. 30. 1834

Josiah St. John
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 Josiah St. John himself of his improvement in tin or other metal bakers.

To all to whom these presents shall come Be it known that I Josiah St. John of the City of Hudson in the County of Columbia and State of New York have invented a new and useful improvement in tin or other metal bakers and that the following is a full and exact description of the construction and operation of said bakers as improved by me. This baker may be made of tin, sheet iron or any other metal and of any convenient size or shape. For the better understanding of it suppose one constructed of tin of the following shape and dimensions. The body in which is the oven, two feet in length by one foot in height and width with a door on the side in front. On either end a projection for the furnace in a circular form eight inches in length and nine inches in height with a circular opening on the top of six inches in diameter in which is set the teakettle or other boiler. In each end is placed the furnace (a.a. &c.) cone shaped with a grate at the bottom, on which the coal or other fuel lies under each furnace (c.c. &c.) is an ash pan. Over and fitted round the top of the furnace is a dome (b.b. &c.) over which or rather into the top of which the boiler (d.d.) is placed, and from the side of which leads the flue or chimney (e.e. &c.) either end of the baker in which each an additional oven may be put on the top and heat from the flue or chimney, or the flue or chimney may be carried at the back of the projection or end of the baker which said projection or end may be square or circular and the top of it closed as above or level with the top of the baker or ornamented or table may dictate. Into the top of the flue or chimney is fixed a damper

Drawer

(c,d,e,) by which the heat in the oven may be the better regulated. On the oven and near each furnace stands a plate of sheet iron reaching to the sides all around (g,g,g,g) for the purpose of breaking and equalizing the heat of the furnace in the oven. On the sides of these plates are made convenient recesses for putting in horizontal rods (h,h,) or plates upon which to set the necessary vessels used to bake in. The baker stands on legs (i,i,i,i) and has a pair of handles or rings fixed into the top to lift and remove it by. The furnace may be round or square and the whole of almost any shape or size to suit the buyer. Now what I claim as my invention or improvement in the tin or other metal baker is first the boiling or heating of liquids as well as baking at the same time and with the heat of the same fuel. And Secondly the combination and application of so many of the known parts and principles of machinery not before combined and applied in regard to the said baker as are necessary to produce the double effect aforesaid. to wit that of boiling and baking at the same time, as aforesaid

Witnesses
J. Mc Cagg
Nathaniel Winslow

Josiah St. John

672 acres

Drawing