

UNITED STATES PATENT OFFICE.

GIBSON NORTH, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN OVEN-DOORS OF COOKING STOVES AND RANGES.

Specification forming part of Letters Patent No. 9,948, dated August 16, 1853.

To all whom it may concern:

Be it known that I, GIBSON NORTH, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Cooking-Stoves and Ranges, of which the following is a full and exact description.

The stoves or ranges may be constructed in any way that may be desired, with an oven placed in any part of the same. In order to prevent the escape of heat through the oven-doors I coat them on the inside with any suitable enamel, either such as is employed in the manufacture of porcelain-enameled ware or any other composition that is attached to the oven-doors by the aid of heat, so as to answer the same purpose, by retaining and equalizing the heat of the oven, and thus rendering it a more uniform, economical, and efficient baker. By this arrangement I not only secure a more entire equalization of the heat in every part of

the oven, but by preventing most of the radiation through the oven-doors I retain the heat in the stove, and thus render it more economical, as the operation of baking can be accomplished with less fuel.

I do not claim the application of brick or any other material which is retained in its place by lattice-work or some other similar contrivance; but

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

The application of an adhesive coat of enamel or other substance answering the same purpose to the inside of the oven-doors of ranges or cooking-stoves, substantially as described.

GIBSON NORTH. [L. S.]

Witnesses:

PLINY E. CHASE,
ANSON ATWOOD.