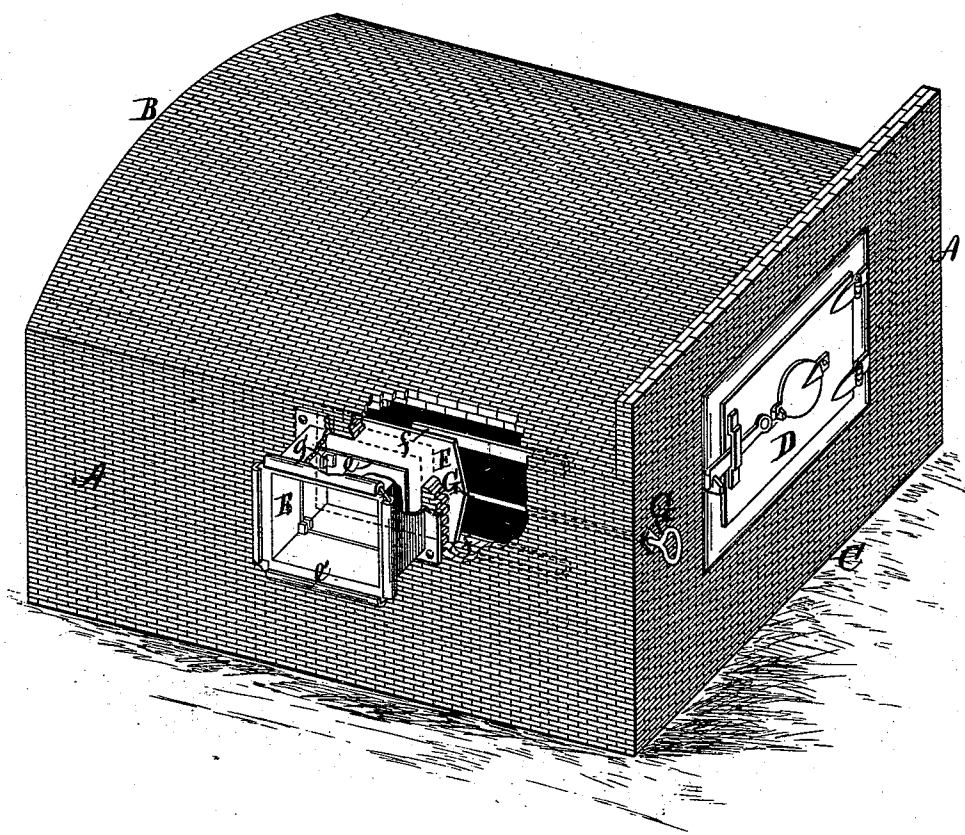


A. WILSON.
BAKERS' OVEN.

No. 187,209.

Patented Feb. 6, 1877.



Witnesses:

M. H. Barringer,
O. R. Richards

Inventor:

Alexander Wilson

(By) O. R. Richards,
att'y.

UNITED STATES PATENT OFFICE.

ALEXANDER WILSON, OF GALESBURG, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO ADAM O. AHLENIUS, OF SAME PLACE.

IMPROVEMENT IN BAKERS' OVENS.

Specification forming part of Letters Patent No. **187,209**, dated February 6, 1877; application filed November 9, 1876.

To all whom it may concern:

Be it known that I, ALEXANDER WILSON, of Galesburg, in the county of Knox and State of Illinois, have invented certain new and useful Improvements in Bakers' Ovens; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The nature of my invention relates to improvements in bakers' ovens; and the invention consists in the use of a sliding cover, which is operated from the outside of the oven, and so as to cover the openings for admitting light to the interior of the oven, when they would be liable to be smoked or steamed, and to uncover said openings, when desired, for the admission of light, as hereinafter more fully described.

The accompanying drawing is a perspective view of an oven, partly broken away to show my invention, which it embodies.

Referring to the parts by letters, letter A represents the walls, B the crown, C the bottom, and D the door, of a baker's oven, which may be of any ordinary construction. E is an opening in one side, or at any other suitable place in the oven, and is provided with double lights of glass or mica, *e e'*, in the usual manner. F is a cover for the side of the opening E, next the interior of the oven, and is seated in ways *ff*, in which it may be slid back and forth, a stop, *g*, limiting its motion when it is slid forward to cover the opening E, and also limiting its motion when it is drawn back to

uncover the same. G is a rod or handle, attached at one end to the slide F, and its other end extending outward through the shell or casing of the oven, to within convenient reach of an operator.

The advantages of openings for the admission of light to ovens are rendered useless by reason of the smoke of the fire in heating, and the steam in baking, obscuring the transparencies placed in the opening. These difficulties are removed by the use of the slide F, herein described, which may be slid in to cover the opening E and protect the transparency *e* while the oven is being heated, and while the bread is giving off much steam, and may be slid back to uncover said opening and admit light when placing the bread within or removing it from the oven, and for other purposes.

I am aware that slides have been used on the inside walls of bakers' ovens, operated from the interior through the open door. I do not claim such as my invention.

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

The protecting-slide F, having stop *g* and handle G, the latter extending to the outside of the oven, operating in combination with fixed frame, with lights or transparent media *e e'*, and the walls A of a baker's oven, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

ALEXANDER WILSON.

Witnesses:

THOS. MCKEE,
W. B. RICHARDS.