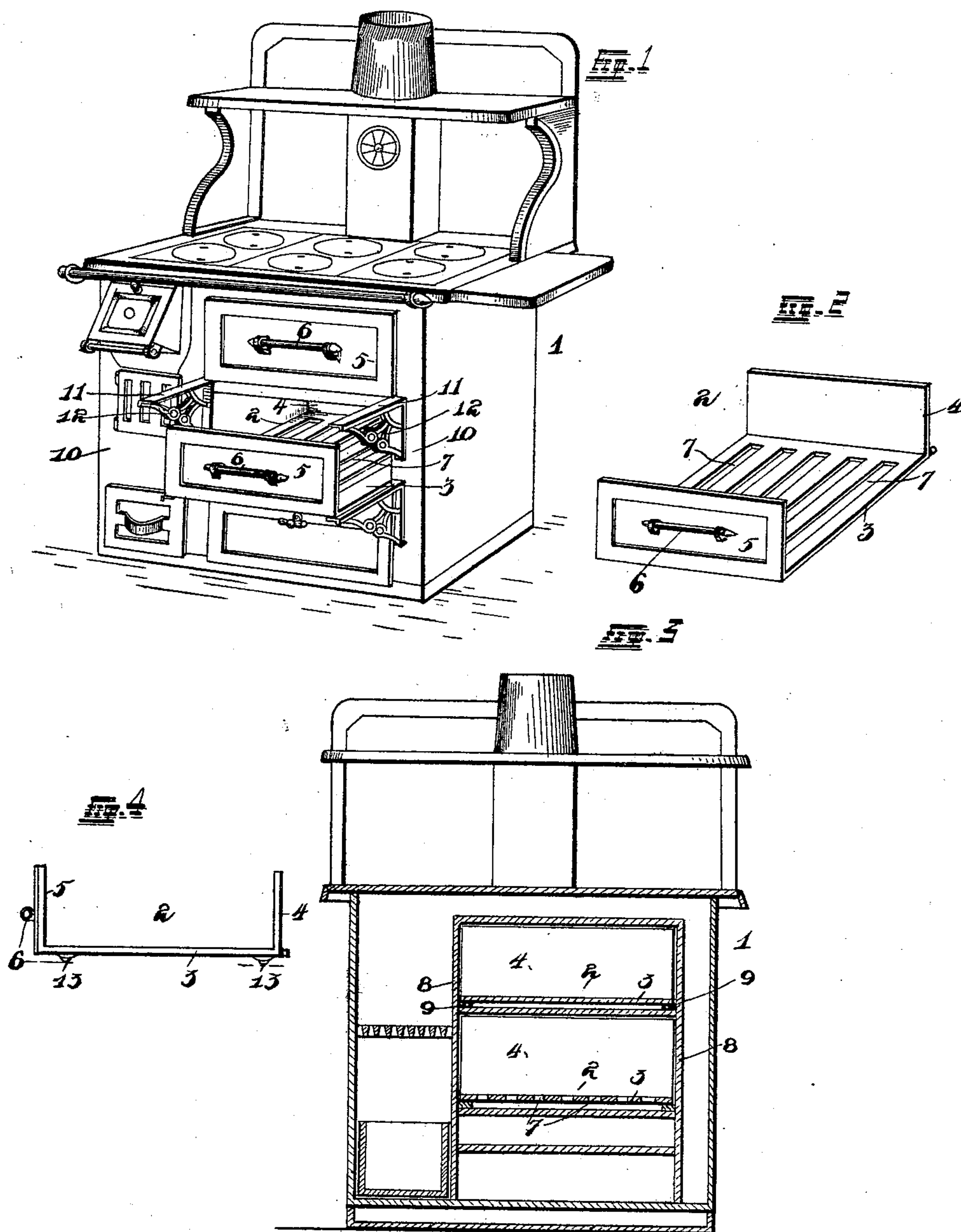


(No Model.)

O. A. WILCOX.  
BAKE OVEN SLIDING DRAWER.

No. 500,522.

Patented June 27, 1893.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

OLIVE A. WILCOX, OF ST. LOUIS, MISSOURI.

## BAKE-OVEN SLIDING DRAWER.

SPECIFICATION forming part of Letters Patent No. 500,522, dated June 27, 1893.

Application filed December 7, 1892. Serial No. 454,422. (No model.)

*To all whom it may concern:*

Be it known that I, OLIVE A. WILCOX, of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Bake-Oven Sliding Drawers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in "bake oven sliding drawers" and consists in the novel arrangement and combination of parts, as will be more fully hereinafter described and designated in the claim.

The object of my improvement is to construct an attachment for stoves, which in use is adapted to eliminate the necessity of reaching into the interior of the oven to withdraw any of the pans or kitchen utensils therein, and also prevent the heat from the oven from entering the room in which the stove is located.

In the drawings: Figure 1 is a perspective view of a range showing my invention applied thereto. Fig. 2 is a perspective view of one of the drawers removed from the range. Fig. 3 is a vertical transverse sectional view taken through the complete stove, the oven and sliding drawers. Fig. 4 is a side elevation of the drawer showing the application of rollers underneath the sides of same.

Referring to the drawings: 1 indicates a complete household range with my invention applied thereto.

2 indicates the sliding drawer as contemplated in my invention, the same comprising a bottom portion 3, having a rear end wall 4 at right angles with said bottom portion, and a front wall 5 in vertical alignment with the rear wall 4 and provided upon its outer side with a handle 6, by means of which the drawer is operated.

In the accompanying illustrations I have shown the upper of the drawers as located in the stove, provided with an imperforate bottom, but the drawer as shown in Fig. 2 is provided with a number of elongated rectangular openings 7 to allow a more thorough circulation of heat within the oven.

In the side walls 8 of the oven I have pro-

vided aligned guide-strips 9, as particularly shown in Fig. 3, and which are adapted to serve as guides for the movement and operation of the drawers.

Projecting outwardly from the front wall 10 of the range 1 and coincident with the guide-strips 9 are horizontal arms 11, which form the upper bars of the brackets 12 which may be of any suitable design and construction. The bracket construction 12 prevents the drawer when pulled out from having any side movement, that is, when said drawer is located below an upper series of slides 11. The under sides of the drawers 2 are provided with rollers 13 which are adapted to facilitate the necessary movement of said drawers 2 and at the same time do not deteriorate the action of the parts.

The main object of my invention is to prevent the scorching of the hands and face, when it is desired to remove any article from the oven.

It is well known that the opening of oven doors is a detrimental feature to the successful operation of a stove or range, in that a large amount of the heat is allowed to pass out into the room and a corresponding amount of cold air enters into the oven, thus chilling whatever article may be cooking therein. To obviate this objection I have provided the rear wall 4 of the drawer 2, which when said drawer is pulled out closes the opening in the oven and neither admits the cold air nor allows the heated air to become distributed throughout the room.

It is a well known fact that ordinarily in removing pans, &c., from the rear of the oven it is necessary to remove the pans in front of those which are to be taken out and replace them again after the desired pan has been removed. It is therefore believed that the idea as contemplated in my invention obviates the objectionable features to ranges having ovens as now constructed, and provides a useful substitute therefor, the same being an improvement over previous constructions.

From the foregoing, it will be noted that I provide the bake oven of the stove or range with a series of at least two separate sliding

drawers, disposed one above the other and separately detachable from the frame of the stove or range by pulling out.

Having fully described my invention, what I claim is—

As an improvement in stoves, the herein described sliding bake oven drawers comprising a plate provided with elongated rectangular openings in its surface, forward and rear end walls at right angles with said plate, guide-strips secured to the inner side of the oven upon which said drawers are adapted to op-

erate, coincident horizontal projecting-strips exterior of the stove, said strips supported by bracket-arms, and the drawing out of said drawer upon said strips adapted to allow the removal of any article upon said drawer, substantially as set forth. 15

In testimony whereof I affix my signature in presence of two witnesses.

OLIVE A. WILCOX.

Witnesses:

JOHN L. O. HENKEL,  
JOSIE BAUMAN.