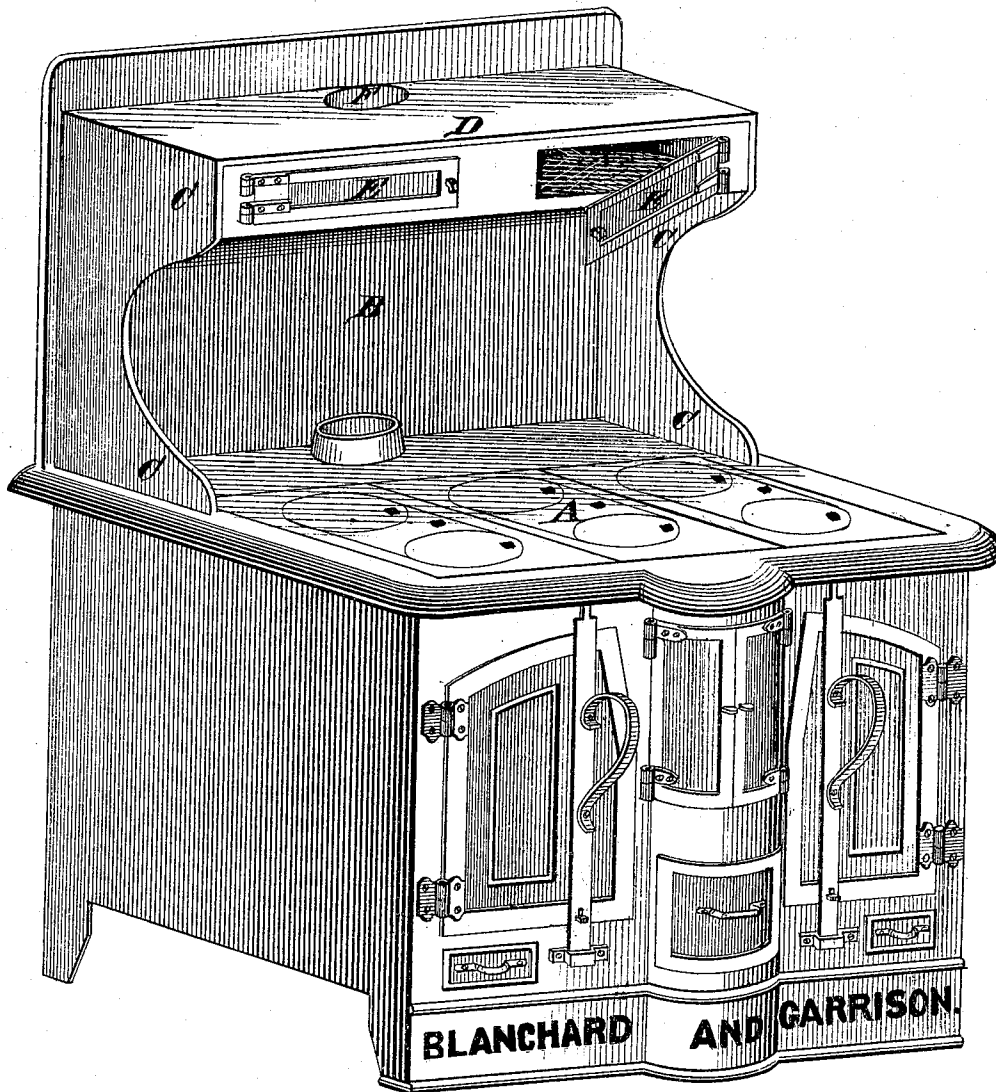


C. H. BLANCHARD.

Cooking-Range.

No. 129,454.

Patented July 16, 1872.



ATTEST,

Walter Allen
W. H. Pearce

INVENTOR,

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UNITED STATES PATENT OFFICE.

CHARLES H. BLANCHARD, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN COOKING-RANGES.

Specification forming part of Letters Patent No. 129,454, dated July 16, 1872.

Specification describing a certain Improvement in Cooking-Ranges, invented by CHARLES H. BLANCHARD, of the city and county of St. Louis and State of Missouri.

My invention relates to a combined warming oven and shelf that is placed above and on a portable wrought-iron range; and consists in the combination of such heater with a range, substantially as described.

The drawing is a perspective view of my improvement.

A is the range, from whose back extends upward a plate, B, having wings C forming the end supports of the warming-oven or hot closet D, of which E are the doors. F is a vertical pipe extending through the warming-chamber, the stove-pipe passing through the said pipe.

I am aware that ovens have heretofore been placed at a higher elevation than a stove-top, and in the line of the escaping smoke, (on ranges inclosed in brick walls, but not on portable wrought-iron ranges,) and also that an open heating-shelf has been applied in the same position as my warming-oven; but my arrangement differs materially from both of these. It differs from the first in forming no impediment to the escaping products of combustion, having no communication with the

interior of the ordinary stove-pipe, and causing no deflection of the flue-ways. It also differs radically in construction from said ovens. My warmer differs from the open shelf in that it has a closed chamber, where the matters becoming heated are preserved from dust and evaporation checked. The shelf heretofore used has proved a great convenience, but is defective in that, as it is in the main course of the dust and of any smoke arising from an open hole, victuals are liable to become dry and dusty when placed thereon.

I claim as my invention—

The heater D, having no communication with the interior of the smoke-flue or chimney, and provided with a vertical tube, F, extending entirely through the warming-chamber and situated immediately above the stove-pipe hole, through which tube F the stove-pipe passes directly, thereby more effectually heating the warming-chamber and causing no deflection of the flue-ways, as set forth.

In testimony of which invention I have hereunto set my hand.

CHARLES H. BLANCHARD.

Witnesses:

SAML. KNIGHT,
R. T. BRADLEY.