

L. WOOD.
Cooking Stove.

No. 2,214.

Patented Aug. 11, 1841.

Fig: 1.

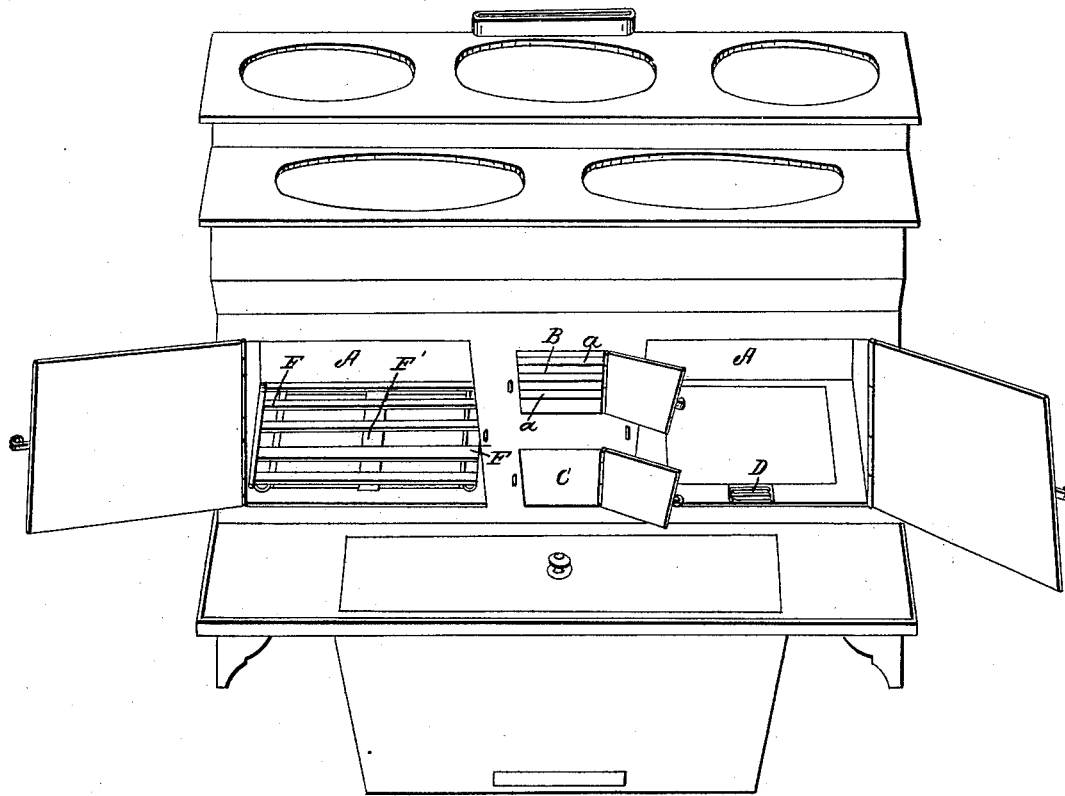
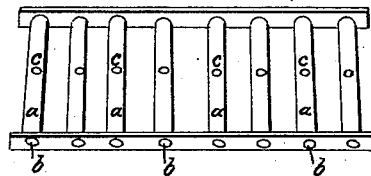


Fig: 2.



UNITED STATES PATENT OFFICE.

LOFTIS WOOD, OF NEW YORK, N. Y.

CONSTRUCTION OF CABOOSES OR STOVES FOR COOKING.

Specification of Letters Patent No. 2,214, dated August 11, 1841.

To all whom it may concern:

Be it known that I, LOFTIS WOOD, of the city of New York, in the State of New York, have invented certain Improvements in the Manner of Constructing a Caboose or Cooking-Stove; and I do hereby declare that the following is a full and exact description thereof.

In the accompanying drawing, Figure 1, is a perspective view of my caboose, or stove. A, A, are two ovens, between and toward the upper part of which is the fire-chamber B, and beneath this the ash-pit C. The grate bars *a, a*, below the fire, are made tubular in a manner similar to those of the caboose, or cooking-stove, for which I obtained Letters Patent, dated on the 26th day of November 1840, but so modified as to adapt them to the construction of the stove herein described.

Fig. 2, is a view of the under side of the grate; *b, b*, are openings into the ends of the tubular bars *a, a*, there being such openings at each end, and corresponding openings through the sides of the oven plates, into each of the ovens; *c, c*, are openings into the tubular bars, on their under sides, toward the ash pit, admitting a draft of air into each of them, which becomes heated, and passing into the respective ovens, tends greatly to facilitate the process of baking.

The bottom plates of the ovens are made to lift out to give free admission to the flues beneath them, as has been done in the ovens of other cooking-stoves. There is, above this bottom-plate, a sliding or false bottom, which is usually made of open work, and has a rack on its under side into which a pinion works, for the purpose of sliding this false bottom in and out, together with the articles

upon it which are to be baked. D, is one of the pinions for sliding the false bottom, the shafts of these pinions being turned by a winch at either end of the stove. In the other oven, F, F, is one of the sliding bottoms, there being rack-teeth on the under side of the bar F', on which the pinions operate.

There is not anything peculiar in the direction of the flues. The heated air from the fire passes over the tops of the ovens to either end of the stove; down flues at these ends, then under the ovens, and into a flue at the back end of the ash-pit, opening at the bottom part of the stove, which flue leads up on the back part of the stove, its upper end being seen at *d, d*. The openings for boilers, and other cooking utensils, are similar to those in ordinary use.

Having thus, fully described the manner in which I construct and arrange the respective parts of my caboose, or cooking-stove, what I claim therein as new and desire to secure by Letters Patent, is—

1. The manner of combining the two ovens, the fire chamber between them, and the hollow grate bars, through each of which a current of heated air is admitted into each of the ovens, in the manner set forth.

2. I also claim the false, or sliding oven bottoms, having racks on their lower sides into which pinions mesh, by which said bottoms are to be removed in and out by a combination and arrangement of parts, as set forth.

LOFTIS WOOD.

Witnesses:

THOS. P. JONES,
THOS. FLINT.