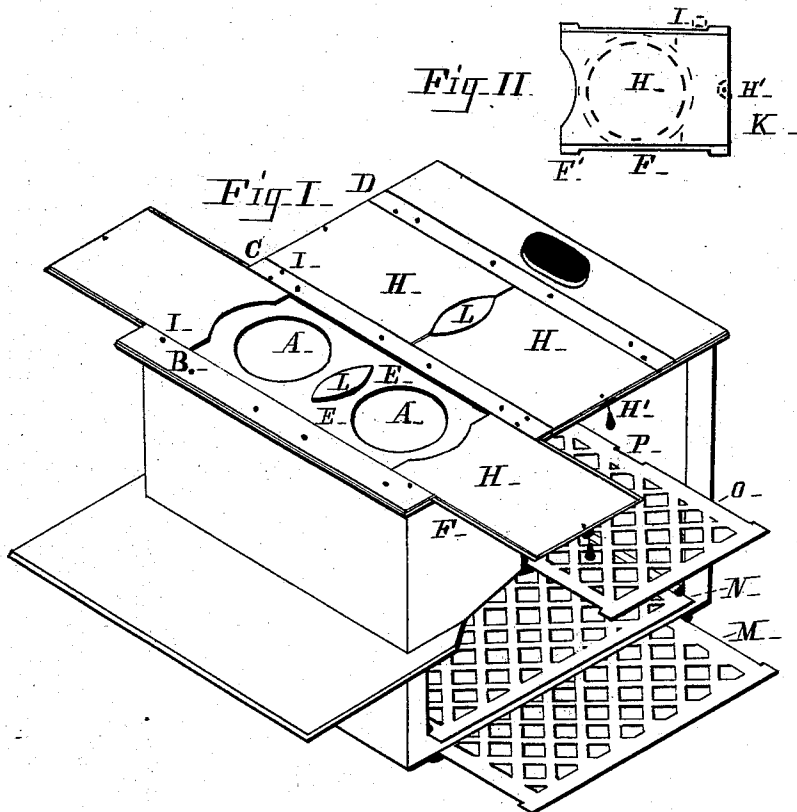


G. COMSTOCK.
Cooking-Stove.

No. 168,084.

Patented Sept. 28, 1875.



WITNESSES
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UNITED STATES PATENT OFFICE.

GILBERT COMSTOCK, OF KEOKUK, IOWA.

IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. **168,084**, dated September 28, 1875; application filed September 6, 1875.

To all whom it may concern:

Be it known that I, GILBERT COMSTOCK, of Keokuk, Lee county, Iowa, have invented a new and useful Improvement in Cook-Stoves, made substantially as set forth hereinafter, referring to the accompanying drawings, in which—

Figure I shows perspective view of stove. Fig. II shows lid or hole-cover of same.

This invention consists in making the lids of cook-stoves to slide outward, in ways which hold them in place, without lifting, to uncover the holes for vessels in the top of the stove, and so as to act, when drawn out, as projecting shelves; in making a shelf under the stove, to be drawn out under and at the side of the stove-oven; and in making shelves in the stove-oven, to be drawn out in the same way, and held securely when out.

The stove-top has vessel-holes A, without offsets for the lids, and has parts B C D across it, attached solidly by bolts. The parts B C D have overhanging edges E, which form ways for the lids H, and hold them in place by their projecting edges F. The lids H reach from the sides of the stove to the center, where those on the opposite sides abut together, covering the vessel-holes A. Their upper surfaces are even with those of the other parts of the upper surface of the stove-top, making the stove-top without elevations or depressions when they are closed. The lids H are arranged to slide freely back and forth, without lifting, a suitable distance, to open and close the vessel-holes. When drawn out they form projecting shelves to the stove. On one or both sides the edges F have their ends projecting sidewise farther than the intermediate space, forming shoulders, which abut against bolts I at the side, to stop the lid H from moving too far either way. The lids are drawn back or forth by dependent handles K, of wood, which drop into spaces left for them in the edges of the stove-top. The handles K hang below the edge of the stove-top, and depend from post K' on the lower side of lid H, which fills a space cut out therefor. The lids H are cut away in the middle of the stove, as shown, into a form to fit around vessels standing in holes A, so they need not project as far as if not so formed, while their

edges F project inward as far as possible to engage with holding parts E, and give leverage to support the lids when acting as projecting shelves. The portions so cut away are filled by elevated parts L, so as to leave no depressions. This elevated part forms a portion of the piece usual between two holes in a stove-top, which can be removed to throw the two together. The lids may be removed by taking off part C by removing its bolts. Below the stove-oven is arranged the sliding shelf M, the full breadth of the stove, so that it may be drawn out on either side nearly half-way, to act as a shelf beside the oven, for use in handling the contents of the oven, especially in high-set stoves, and where the lids H are drawn out as shelves. This shelf M has holding-ways at its edge like those holding the stove-lids H, but reversed, with the other side up. The abutting shoulders in its edges strike bolts in the center of the stove, so that the shelf may be drawn out about half-way, and be held securely. The stove-oven has shelves N O at the bottom, and one or more elevations in it. These are held by and slide in ways similar to those of the lids H and shelf M, so as to slide out nearly one-half to either side, with a stop in the center, and be held securely from tilting as projecting shelves, for convenience in examining or handling the contents of the oven, especially when the lids H are drawn out overhanging. The top lip of the sliding way is cut away on one side of the oven, except in the center, so that the shelf may be removed when not drawn out, the central portion of its edge P being removed to let the two parts pass each other.

I claim—

1. The combination of a sliding stove-vessel-hole lid, with a channel therefor on the stove-top, and between two elevated portions thereof, substantially as set forth.

2. A sliding stove-hole lid, in combination with holding projection E over its edge, substantially as set forth.

3. A sliding stove-hole lid, in combination with a stop to prevent its being drawn out too far, substantially as set forth.

4. The combination of a sliding stove-hole lid, having concave end, with a device for

holding the inner end of its edge F when drawn out, substantially as set forth.

5. The combination of two sliding stove-lids with the central elevation L, as set forth.

6. The combination, with the stove-oven, of the shelf M, arranged to slide in and out under and in front of it, to serve for drawing

out pans, &c., onto, and with holding device, substantially as set forth.

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Witnesses:

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