

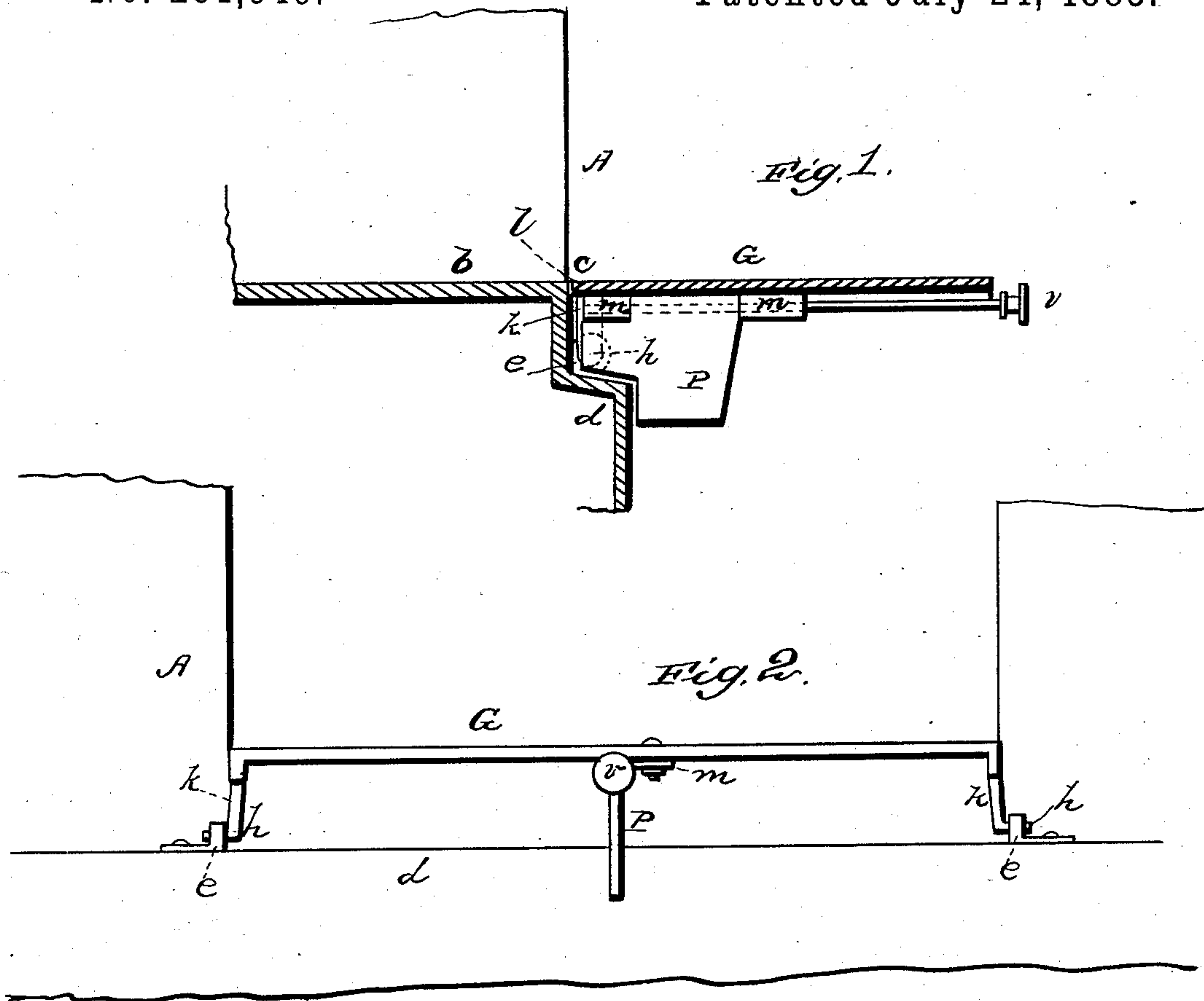
(No Model.)

J. WENZEL.

STOVE SHELF.

No. 281,949.

Patented July 24, 1883.



WITNESSES
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Philip Masi.

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UNITED STATES PATENT OFFICE.

JOHN WENZEL, OF VERNON, INDIANA.

STOVE-SHELF.

SPECIFICATION forming part of Letters Patent No. 281,949, dated July 24, 1883.

Application filed April 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN WENZEL, a citizen of the United States, resident at Vernon in the county of Jennings and State of Indiana, have invented certain new and useful Improvements in Stove-Oven Shelves; and I do declare the following to be a full, clear, and exact description of the invention, such as 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 or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a vertical sectional view, and Fig. 2 is a front view.

This invention has relation to stove-oven shelves; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, the letter A designates the wall of a stove or range, and b the oven-floor. The lower margin of the doorway even with the oven-floor is indicated at c. Below the doorway is usually formed on stove-castings a bead or ledge, d.

Journal-seat lugs e are designed to be bolted or riveted to or cast upon the wall A of the stove at each side of the doorway below the level of the oven-floor, and in these seats are arranged the journals h of the shelf G. These journals extend horizontally from the angular or downwardly turned arms k of the shelf, said arms having sufficient length to hold the shelf level with the oven-floor b when said shelf is raised into horizontal position. When, however, the shelf is folded down in vertical position, so that it hangs against the stove wall, its upper edge, l, is considerably below the oven-

floor or lower margin of the doorway, so that it is entirely out of the path of the door, and the lower marginal flange of the latter has free play in closing against the wall of the stove.

In bearings m, on the under side of the shelf, is arranged the shaft or journals of a swinging prop, P, which may be folded against the shelf, or may be turned at right angles thereto, so as to rest against the oven-wall. This prop is provided with a small handle or projection v, whereby it may be turned.

When the oven door is opened, the shelf can be quickly raised into position to form a rest for such articles as are to be withdrawn from the oven. When the shelf is raised, the swinging prop falls automatically into position to support it. In order to lower the shelf, the prop should be folded up against the bottom of the shelf, which can then be folded down against the stove-wall, out of the way.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with the stove-wall A, provided with the ledge d, having the journal-seats e, of the swinging and folding shelf G, provided with the bearings m on its under side for the reception of the journals of the swinging prop P, adapted to be folded against the shelf, or to be turned at right angles thereto, substantially as specified.

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

JOHN WENZEL.

Witnesses.

JOHN B. RILLEY,
A. G. COTTON.