

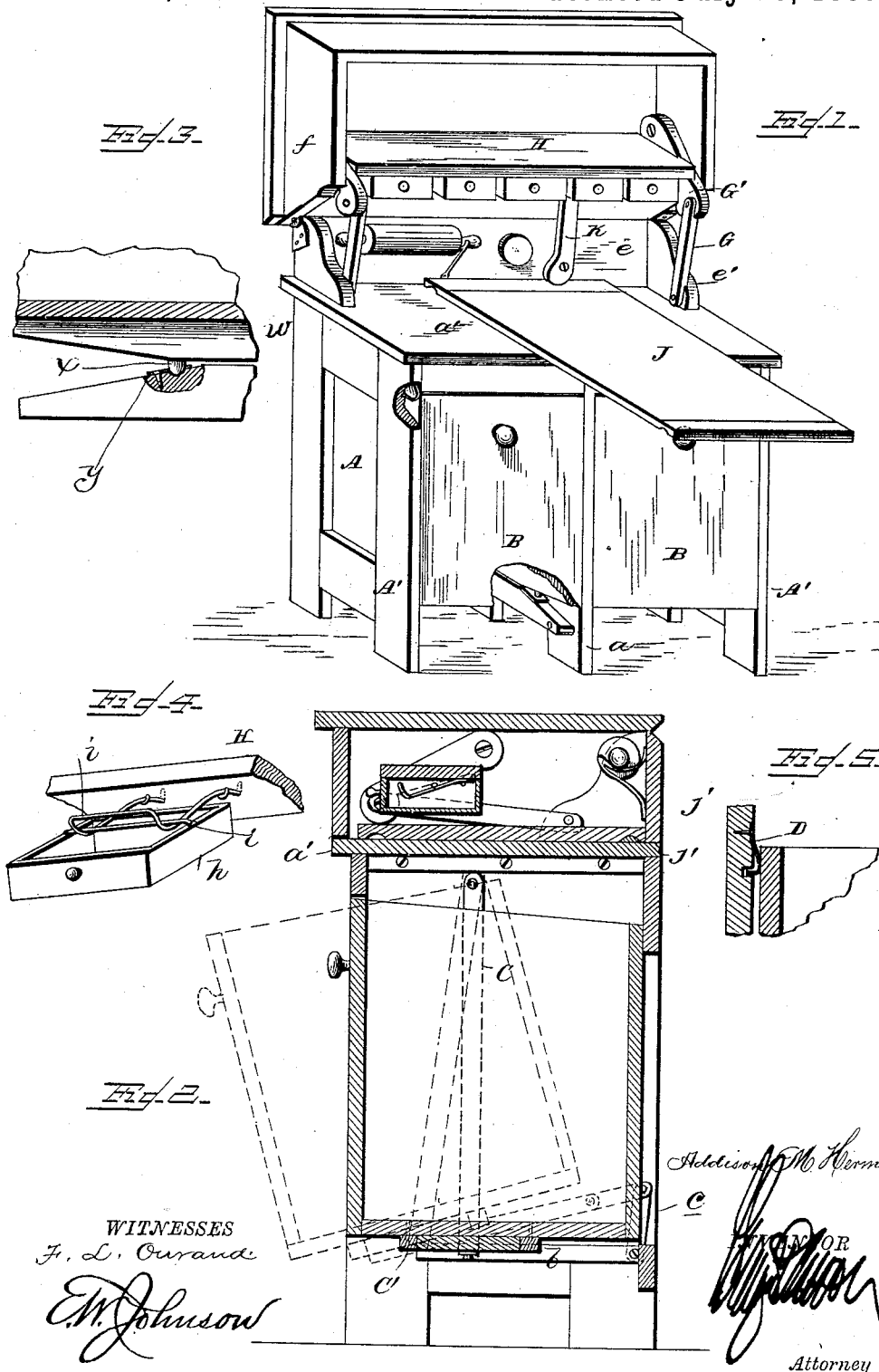
(No Model.)

A. M. HERMAN.

KITCHEN SAFE.

No. 345,784.

Patented July 20, 1886.



UNITED STATES PATENT OFFICE.

ADDISON MORITZ HERMAN, OF NEWTONIA, MISSOURI, ASSIGNOR OF ONE-HALF TO SARAH A. HART, OF SAME PLACE.

KITCHEN-SAFE.

SPECIFICATION forming part of Letters Patent No. 345,784, dated July 20, 1886.

Application filed January 28, 1886. Serial No. 190,074. (No model.)

To all whom it may concern:

Be it known that I, ADDISON MORITZ HERMAN, a citizen of the United States of America, residing at Newtonia, in the county of Newton and State of Missouri, have invented certain new and useful Improvements in Kitchen-Safes; and I do hereby 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.

My invention relates to certain new and useful improvements in a combined flour-safe and kitchen-cabinet, the object of my invention being to provide an improved article of kitchen-furniture; and it consists in the construction and combination of the parts, as will be hereinafter fully set forth, and specifically pointed out in the claims.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view of a kitchen-cabinet or flour-safe constructed in accordance with my invention. Fig. 2 is a vertical sectional view showing the lid in a closed position. Fig. 3 is a detail sectional view showing one form of bearing for the flour-chests. Fig. 4 is a detail perspective view of one of the draw-supports, and Fig. 5 is a detail sectional view showing a spring and strip which bears upon one of the sides of the flour-chest to hold the same in position.

A represents a suitable frame, which consists of side pieces, A', a central partition, a, and a top, a', which are arranged so as to provide two spaces or compartments within which are located the flour or meal chests B B. On the inner sides of each of the vertical supports a A', near their upper edges and at a slight distance to one side of the center, are pivoted depending strips C, which are also pivoted to a platform, C', said platform having rearwardly-extending bars, which are pivotally secured to short links e, which are secured to the inner sides of the vertical supports. By this means the platform C' is hung within the frame, so that when it is swung forward it will assume an inclination, as shown in dotted lines, Fig. 2. The chests B B are provided on their bot-

toms with transverse bars b, between which will lie the platform, so as to retain the receptacles or chests on said platform and prevent the bins from slipping therefrom when moved.

By the construction hereinbefore described, when the chests B are drawn outwardly they will be tilted, so as to provide quite a large space through which access may be had to the flour, and when there is but a small amount of flour in the chest it will collect at the lower corner, and may be gathered up and removed. It will also be noted that when the chest is swung forward the front edge will be depressed, thereby allowing it to extend quite a distance outwardly from its support at its upper end, but at the same time elevating the rear portion sufficiently to abut against the frame, and retain it in position. When it is desired to remove the chests from the frame, it can be readily accomplished by holding the lower edge in and drawing upon the upper edge, after which the chests can be elevated bodily and removed from their supports.

In Fig. 3 of the drawings I have shown a modification of my invention in which case the swinging bars are dispensed with, and the lower portion of the bins is provided with strips w, from which project knobs x, which enter recesses formed in plates y, attached to vertical side supports. Each of the strips is inclined, so as to allow the bin to be tilted forwardly. The side pieces, A', adjacent to the upper edge of each of the bins, are provided with transverse recesses, within which lie the inturned end of metallic strips D, said metallic strips being secured to the side pieces so as to have a slight spring movement, and they bear against the sides of the bin or chest, so as to hold them in place by a slight spring-pressure. The top a' has rigidly secured at its rear end an upright piece, e, which is rigidly braced to the top by brackets e', and a folding top is hung to the upper edge of the back piece, e, in any suitable manner, said top having a depending end, f. The back piece, e, has secured thereto brackets of ordinary construction, which are adapted to support a rolling-pin, and it may also be provided with a shelf for the reception of bread-knives, cake-cutters, &c. Near the forward ends of the brackets e' are pivoted arms G,

which are connected at their upper ends to a bar, G', which is pivotally attached to the side piece, f, of the top. The bars G' are recessed for the reception of a shelf, H, which shelf carries on its under side a series of drawers, h. The under side of the shelf H has rigidly secured thereto a series of wire bails, i, which are bent, as shown in Fig. 4, so that the drawers, which are provided with cross-bars i', may be placed over said bails, and when drawn outwardly said drawers will have a downward inclination, owing to the supporting-bars thereof lying within the downwardly-bent portions of the bail. When the drawers are shoved rearwardly, they will ride upon the bail, and the upper edges thereof will fit snugly against the under side of the shelf.

J refers to a bread-board, which is provided on its under side with recesses j, said recesses being adapted to be placed over a rest-bar, j', which is secured to the rear edge of the top a'. The bread-board is held in position by a pivoted lever, K, which is formed into a cam at one end, while the other end extends upwardly, so as to bear against the inner side of the top when the same is elevated. By the construction herein described the shelf H and the drawers will always be kept in a horizontal position, irrespective of the angle of the folding top, and the lever K, besides serving to hold the top in a vertical position, holds the bread-board J in position for use, as shown in Fig. 1. The bread-board J, when not in use, is adapted to be placed upon the top a'.

I am aware that tilting bins or flour-safes have heretofore been made, and I therefore make no broad claim to such construction; but

What I claim as new, and desire to secure by Letters Patent, is—

1. In a kitchen-cabinet or flour-safe, a suitable

stand or support provided with pivoted bars C, which are attached to a platform having rearwardly-projecting arms, said arms being connected to short links c, in combination with a bin having transverse strips which lie over the edges of the platform, substantially as shown, and for the purpose set forth.

2. In a kitchen-cabinet, a stand provided with a hinged top and arms G pivoted thereto and carrying a shelf, said arms being connected to bars G' so as to maintain the shelf in a horizontal position irrespective of the position of the folding top, substantially as shown.

3. In a kitchen-cabinet, a shelf, H, a folding top, arms G', pivoted thereto and carrying said shelf, bars G, pivoted to said arms G', as described, and drawers located on the under side of said shelf and adapted to tilt downwardly when opened, substantially as shown, and for the purpose set forth.

4. In combination with a shelf, bails i, secured thereto and provided with side bars which incline from the under side of said shelf and are bent upwardly so as to provide a stop, and drawers having cross-bars which lie above said bail, substantially as shown, and for the purpose set forth.

5. The combination, with a kitchen-cabinet having a stationary top, a', and folding top, of a lever having a cam end and a bread-board adapted to be clamped by the cam end of said lever on said top a', the other end of said lever being adapted to retain the top in a raised position, substantially as set forth.

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

ADDISON MORITZ HERMAN.

Witnesses:

J. M. MARET,
W. D. BROWN.