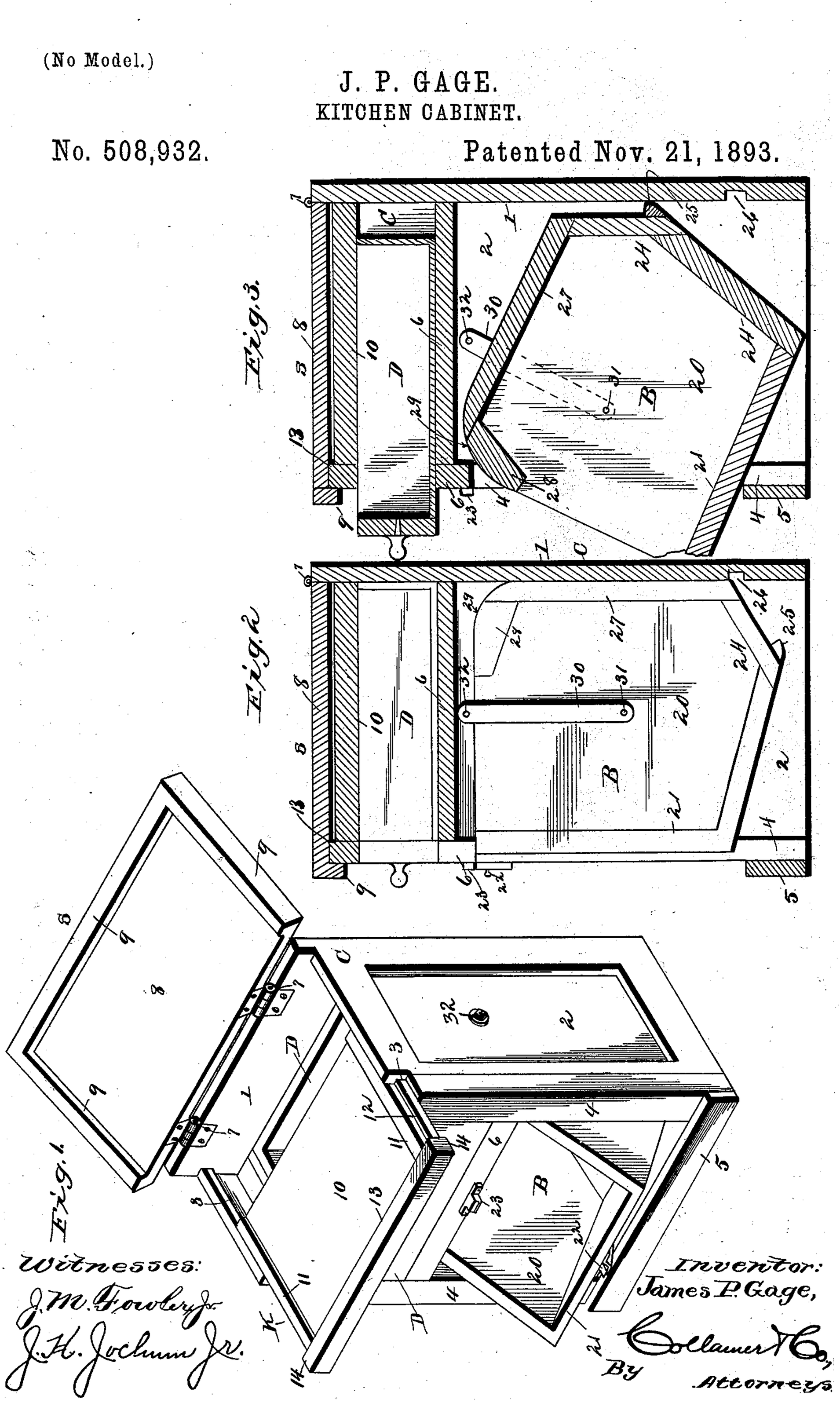
(No Model.)

J. P. GAGE.

KITCHEN CABINET.

No. 508,932. Patented Nov. 21, 1893.



THE NATIONAL LITHOGRAPHING COMPANY,
WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JAMES P. GAGE, OF BAXTER SPRINGS, KANSAS.

KITCHEN-CABINET.

SPECIFICATION forming part of Letters Patent No. 508,932, dated November 21, 1893.

Application filed March 11, 1893. Serial No. 465,503. (No model.)

To all whom it may concern:

Be it known that I, JAMES P. GAGE, a citizen of the United States, and a resident of Baxter Springs, Cherokee county, State of Kansas, have invented certain new and useful Improvements in Kitchen-Cabinets; and my preferred manner of carrying out the invention is set forth in the following full, clear, and exact description, terminating with the claims particularly specifying the novelty.

This invention relates to kitchen furniture, and more especially to that class thereof known as cabinets, such as are adapted for the use of the cook; and the object of the same is to provide a cabinet containing a kneading board held in place and protected from dust by a swinging cover, and also a flour bin mounted on pivots in swinging straps.

To this end the invention consists of a kitchen cabinet constructed substantially as hereinafter described, and as illustrated in in the drawings wherein—

Figure 1 is a perspective view of this cabinet with the cover raised and the kneading board partly drawn out, and showing the drawer as closed and the bin as tipped forward. Fig. 2 is a vertical section through the cabinet and showing the drawer and bin in elevation, both such parts as well as the kneading board and cover being closed. Fig. 3 is a central vertical section with the bin tipped forward and swung to the front and the drawer partly withdrawn.

Referring to the said drawings, the letter C designates a casing having a swinging cover S, and B is a bin, D a drawer, and K a kneading-board—these parts being preferably of the following specific construction and connection.

The casing is of any desired size and shape with closed back 1, closed sides 2 rising nearly to the upper edge of the back and having horizontal inwardly facing grooves 3 near their upper ends and which are closed by the back, and with upright front strips 4 covering the edges of the sides and terminating just below the front ends of said grooves. Across the lower ends of the strips and secured upon the face thereof is a transverse strip 5, above which the face of the bin is open, and above this opening is a transverse partition 6. Above this partition a drawer D may be arranged to slide into the casing with its upper edge standing below said grooves 3, but this drawer may be omitted if desired. I prefer to employ it however, to contain the rolling pin and such other implements as may be useful to the cook. Connected by hinges 7 with the upper edge of the back is the swinging cover S which comprises a flat board 8 having depending strips 9 along its ends and front edge for a purpose to be described below.

The kneading-board K comprises a flat board 10 preferably having its edges slightly raised as at 11, and on the outer edges of this board are side beads 12 of a size to fit loosely in the grooves 3. Across the front of the board is a cross strip 13 preferably rising above the face of the board 10 so as to be flush with the raised edges 11, and the ends 14 of this strip extend laterally beyond the beads 12 so that when the board is pushed home these ends pass over the upper ends of the upright strips and close against the front ends of the sides, as will be obvious from an inspection of Fig. 1. The swinging cover S may then be brought down, and its depending edges will inclose the upper ends of the sides and the upper part of the cross strip 13 as seen in Fig. 3, and the kneading-board will thereby be prevented from displacement and protected from dust. When the cover is raised the kneading-board can be drawn out, and at this time the rear end of the drawer D will be exposed if the drawer is not also drawn out.

The flour bin B comprises solid ends 20 connected by a vertical front 21 preferably having a catch 22 at the center of its upper edge engaging a keeper 23 on the front of the partition 6. The ends 20 are also connected by a V-shaped bottom 24, and across the rear face of the angle of this bottom is a lug 25 adapted to engage with a groove 26 (situated in the front face of the back 1 of the casing) when the bin is tipped forward as seen in Fig. 1, and as will be understood from Fig. 3. Rising from the rear edge of the bottom is the back 27 of the bin which also connects the ends 20, and from the upper end of this back the top 28 extends forward a short distance and connects the ends, the upper rear corners of the latter being rounded as at 29.

The bin is supported within the casing by means of rods, arms, or straps 30 which stand between the ends 20 of the bin and the adjacent sides of the casing. The lower ends of these straps are pivoted by bolts 31 to the bin-ends 20 at about their centers, while the upper ends of the straps are pivoted by bolts 32 to the sides of the casing just below the partition 6 thereby balancing and equalizing the weight of the contents. As thus constructed, when it is desired to open the bin the catch is disconnected from its keeper and borne down upon, which will tilt the bin from the position shown in Fig. 2 to that shown in Fig. 1, when the lug 25 engages with the groove 26 and prevents the bin tilting farther forward. When, however, the flour in the bin becomes scarce and grows low and it is desired to tilt the bin farther forward than shown in Fig. 1, the operator grasps the catch and draws the bin forward from the position there shown. This movement first draws the lug out of engagement with the groove and swings the straps 30 on their upper pivots 32, after which the bin-front 20 rests on the transverse strip 5 and the bin-top 28 strikes under the partition 6, when the bin will be found to have been tilted yet farther forward and swung as far as possible out of the open front of the casing as seen in Fig. 3. The return movement of the bin from either position is obviously effected by grasping the catch and raising on it and pushing to the rear, until the bin is closed and the catch engages its keeper.

The parts of this device are of any suitable size, shape, and material, but the whole is preferably of light wood except the catch, the hangers for the bin, and the hinges. Considerable change in the specific details of construction or addition thereto may be made without departing from the essential principles of my invention.

What is claimed as new is—

1. In a kitchen cabinet, the combination with the sides having inwardly-facing grooves open at their front ends, the front upright strips terminating just below said front ends, and the back closing the rear ends of said grooves; of the kneading-board having side beads sliding in said grooves and a front cross strip whose ends are adapted to pass over said upright strips against the sides, and a cover hinged to the back and having depending edges adapted to inclose said sides and said cross strip, as and for the purpose set forth.

2. In a cabinet of the character described, the combination with a casing having an opening in its front and a horizontal groove across its back, a transverse partition in the casing above said opening, and a transverse strip across the face of the casing below such opening; of a bin having its top only open at the front thereof and a V-shaped bottom, a transverse exterior lug at the angle of such V adapted to engage said groove, a catch on the bin-front engaging a keeper on said partition, and swinging pivotal connections between the centers of the sides of the bin and the sides of said casing, adapted to permit said lug to be disengaged from the groove as and for the purpose set forth.

3. In a cabinet of the character described, the combination with a casing having an opening in its front and a horizontal groove across its back, and a transverse partition in the casing above said opening; of a bin having its top only open at the front thereof and a V-shaped bottom, a transverse exterior lug at the angle of such V adapted to engage said groove, straps pivoted at their lower ends to the centers of the bin-sides and at their upper ends to the casing-sides, and means for latching the bin when closed, as and for the purpose set forth.

In testimony whereof I have hereunto subscribed my signature on this the 6th day of March, A. D. 1893.

JAMES P. GAGE.

Witnesses:
E. SLADE,
HENRY HECTOR.