

(No Model.)

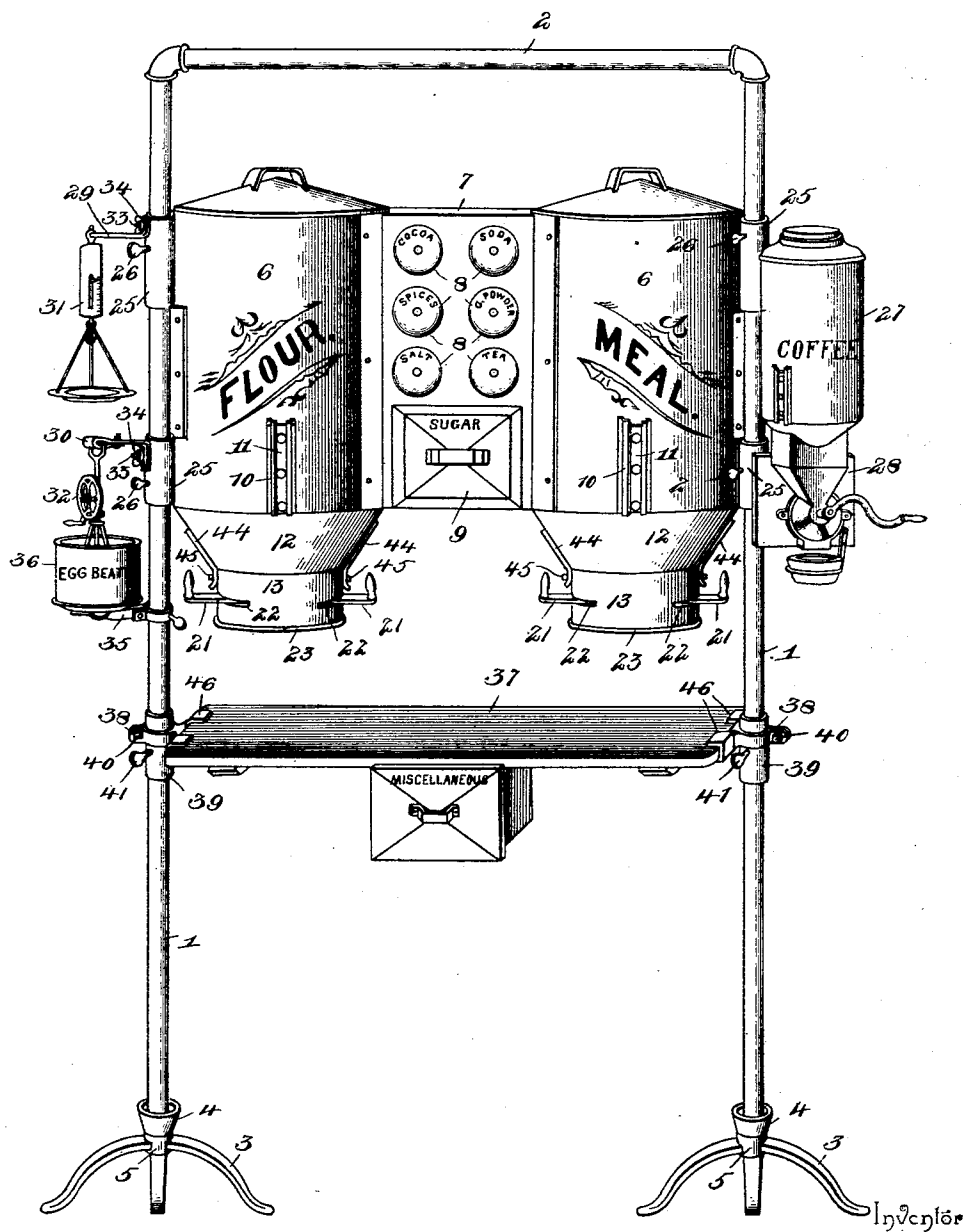
2 Sheets—Sheet 1.

M. H. SHANLEY.
KITCHEN CABINET.

No. 541,216.

Patented June 18, 1895.

Fig. 1.



Witnesses

John Shaw
[Signature]

By *W. S.* Attorneys.

Michael H. Shanley

Calnow & Co

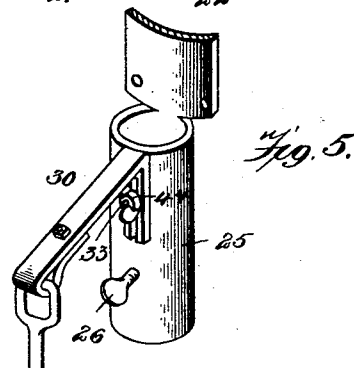
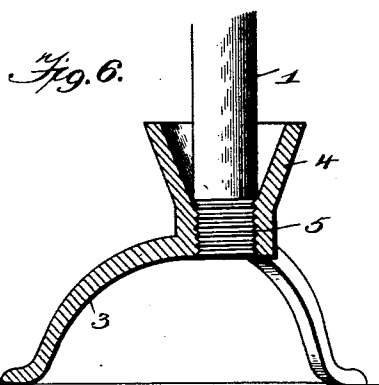
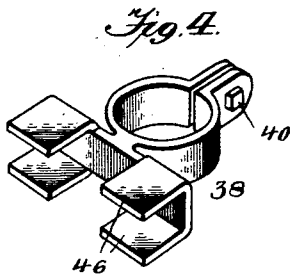
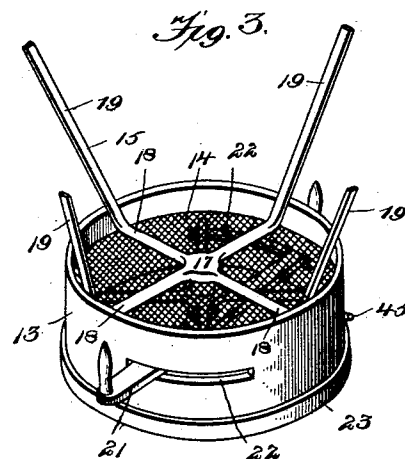
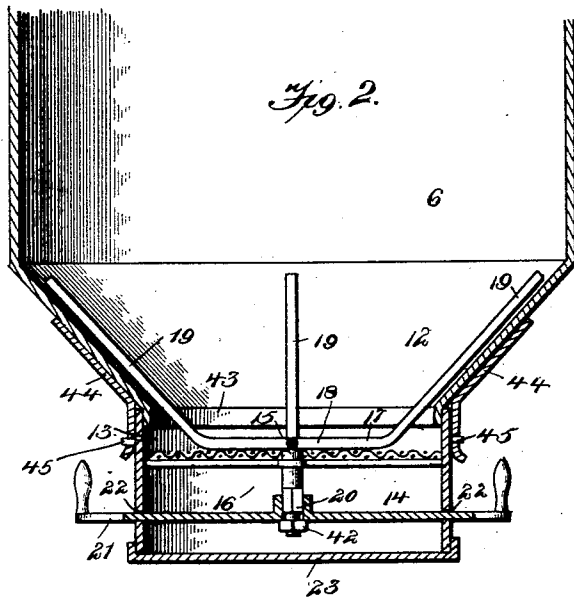
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2 Sheets—Sheet 2.

M. H. SHANLEY.
KITCHEN CABINET.

No. 541,216.

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Inventor

Michael H. Shanley,

By his Attorneys.

Witnesses

John Shaw.
J. E. H. [Signature]

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

MICHAEL H. SHANLEY, OF GRANBURY, TEXAS.

KITCHEN-CABINET.

SPECIFICATION forming part of Letters Patent No. 541,216, dated June 18, 1895.

Application filed June 27, 1894. Serial No. 515,877. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL H. SHANLEY, a citizen of the United States, residing at Granbury, in the county of Hood and State of Texas, have invented a new and useful Kitchen-Cabinet, of which the following is a specification.

My invention relates to kitchen cabinets, and has for its objects to provide a simple and convenient portable device provided with the necessary receptacles for flour, meal, spices and other condiments, as well as apparatus for grinding coffee, beating eggs, weighing, &c.; to provide means for adjusting such receptacles upon the frame of the cabinet to secure the desired height or distance from the floor; and furthermore to provide improved means for removing the flour and meal from the bins and sifting the same by the same operation.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a cabinet constructed in accordance with my invention. Fig. 2 is a vertical central section of one of the bins. Fig. 3 is a detail view, in perspective, of the flour or meal sifting device with the upper portion of the bin broken away. Fig. 4 is a detail view, in perspective, of one of the clamps for attaching the extremities of the shelf or table to the adjustable slides on the standards of the frame. Fig. 5 is a similar view of one of the slides or sleeves by which the bins are connected to the standards of the frame and showing the means for securing an egg-beating device thereto. Fig. 6 is a detail view, partly in section, of one of the feet.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The frame of the improved cabinet is of inverted U-shape, and comprises the vertical standards 1, connected at their upper extremities by the cross-bar 2, said standards terminating at their lower ends in feet 3, which are preferably of the tripod form shown in the drawings, and are provided with cups 4, adapted to contain water for preventing the

access of insects to the cabinet. The lower extremities of the standards are preferably threaded into sockets 5 at the bottoms of the cups at the upper ends of the feet.

The body portion of the cabinet comprises the oppositely disposed cylindrical bins 6, adapted to contain flour and meal respectively, and an interposed casing 7 connecting said bins. This interposed casing is provided with drawers or receptacles 8 for the reception of spices and other condiments, and a lower enlarged receptacle 9 for sugar or other material. The bins are provided near their bottoms with gages 10, consisting of perforations formed in a vertical series and covered by a transparent plate 11, whereby the amount of flour or meal in the bin may be ascertained without opening the same. Each bin terminates at its lower end in a trunco-conical or hopper shaped portion 12 and a reduced outlet 13, and in this reduced outlet is arranged a sifting screen 14. In connection with this sifting screen I employ an agitator 15 having a vertical spindle 19, which is mounted axially in the reduced portion of the bin, and the radially disposed arms 17 having horizontal portions 18 which traverse the upper surface of the sifting screen, and the upwardly and outwardly inclined portions 19 which operate within the trunco-conical or hopper shaped portion of the bin. The spindle or stem of the agitating device is provided with a squared lower end 20, upon which is fitted the eye of the operating handle 21, said handle being extended laterally through a slot 22 in the side of the reduced portion of the bin, the slot being of sufficient length to permit free oscillation of the handle. Fitted removably upon the lower end of the reduced portion of the bin is a cap 23 adapted to be applied when the sifting device is not in use to prevent the flour which is detached from the screen by jarring or otherwise from escaping from the bin.

The body portion of the cabinet is provided contiguous to the standards of the frame with sleeves or slides 25, which fit slidably upon said standards and have set-screws 26 for locking them at the desired elevation. Attached to the slides or sleeves at one end of the body portion of the cabinet are the coffee canister 27 and the subjacent mill 28, and attached to the slides or sleeves at the opposite

end of the body-portion are the arms 29 and 30, adapted respectively for the support of the scales 31 and egg-beater 32. These arms 29 and 30 are preferably secured detachably to the slides or sleeves by means of threaded studs 33 upon the slides engaging slots or perforations in the arms, said studs being engaged by thumb nuts 34. Below the egg-beating device is arranged an arm 35, also adjustably attached to the standard and adapted to support a cup or receptacle 36, in which the egg-beating device operates.

Arranged below the plane of the lower ends of the bins is a shelf or table 37 provided at its extremities with clamps 38, which are detachably engaged with the slides or sleeves 39, also mounted upon the standards of the frame, said clamps being provided with adjusting-screws 40, and the slides or sleeves with adjusting-screws 41.

From the above description it will be understood that the various parts comprising the improved cabinet are vertically adjustable upon the side members or standards of the frame to suit the height of the operator; that the egg-beating and weighing devices are detachable from the frame to provide for cleansing the same; and that the shelf or table is detachable from the slides, also for the purpose of cleansing. Attached to the under side of the shelf or table is a drawer adapted for miscellaneous articles.

Further advantages of the above construction reside in the fact that the operating handle of the sifting device projects beyond both sides of the reduced portion or outlet of the bin, and thus enables both hands to be employed in the sifting operation; and by the adjustment of the nut 42 by which said handle is secured to the lower end of the spindle, the pressure of the agitator arms upon the upper surface of the screen may be varied. Moreover, the reduced portion of the bin is detachable from the main or body portion thereof, being fitted at its upper edge over a depending collar 43, suitable securing devices consisting of springs 44 being carried by the bin to engage studs 45 on said reduced portion or outlet.

In addition to the above the clamps 38 are preferably provided with seats 46 in which the ends of the shelf or table fit slidably to provide for forward and rearward adjustment of the shelf or table. It will be understood, furthermore, that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of the advantages thereof.

Having described my invention, what I claim is—

1. A kitchen cabinet having an inverted U-shaped frame comprising twin vertical side standards connected at their upper ends by a horizontal cross-piece and terminating at their lower ends in supporting feet, and a vertically adjustable body portion arranged be-

tween and supported by the standards and provided with receptacles, sleeves on the body portion mounted to slide upon the standards, and means for locking the sleeves at the desired adjustment, in combination with a shelf or table mounted for vertical adjustment upon the side standards independently of the body portion, whereby the interval between the shelf or table and the lower end of the body portion may be varied, and means for securing the shelf or table at the desired vertical adjustment, substantially as specified.

2. A kitchen cabinet having an inverted U-shaped frame provided with vertical side standards terminating at their lower ends in feet, vertical bins arranged between said standards and provided at their lower ends with outlet openings, sleeves attached to the outer sides of the bins and mounted to slide upon the standards, locking devices to secure the sleeves at the desired vertical adjustment, lower sleeves mounted upon the standards below the lower ends of the bins, clamps supported by said lower sleeves and provided at the inner sides of the latter with horizontal parallel seats 46, means for securing said lower sleeves at the desired vertical adjustment to suit the position of the bins, and a shelf or table removably fitted at its end edges in said seats and thereby supported horizontally below the lower outlet ends of the bins, substantially as specified.

3. The combination of a frame having vertical standards adapted to support receptacles, said standards having threaded lower extremities, feet 3 spread or deflected toward their lower extremities, and cups 4 connecting and integral with the upper ends of said feet, and provided in their bottoms with vertical cylindrical interiorly threaded sockets 5 for the reception of the threaded lower extremities of the standards, whereby said lower ends of the standards close the bottoms of the cups and are immersed in the insect obstructing liquid contained therein, substantially as specified.

4. A bin provided with a reduced outlet and a superjacent trunco-conical or hopper-shaped portion, a sifting screen arranged horizontally in said reduced outlet, a spindle arranged vertically and axially in the reduced outlet, radial arms attached to said spindle and having horizontal portions 18 to traverse the upper surface of the sifting screen and upwardly and outwardly inclined portions 19 to operate contiguous to the walls of the trunco-conical or hopper-shaped portion of the bin, a radial oscillatory handle attached to the lower end of the spindle and having oppositely aligned arms extending through and operating in horizontal slots formed in the wall of the reduced outlet, and a removable cap fitted on the lower end of the outlet, substantially as specified.

5. The combination with a bin provided with a reduced outlet having opposite slots in its side walls, and a sifting-screen arranged

horizontally in said outlet above the plane of
said slots, of an agitator having a spindle
arranged axially in the outlet, agitator-arms
carried by the upper end of the spindle and
5 resting upon the upper surface of the sifting-
screen, said spindle being provided at its
lower end with a squared portion, an operat-
ing handle arranged at its extremities in said
slots in the outlet and provided with an an-
10 gular eye to engage the squared portion of
the spindle, and a nut threaded upon the ex-

tremity of the spindle and adapted to be ad-
justed to vary the pressure of the agitator-
arms upon the surface of the sifting-screen,
substantially as specified. *

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In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

M. H. SHANLEY.

Witnesses:

J. H. SIGGERS,
GEO. C. SHOEMAKER.