No. 888,142. PATENTED MAY 19, 1908.

A. E. BONESTEEL.

KITCHEN CABINET.

APPLICATION FILED SEPT. 25, 1907.

2 SHEETS--SHEET 1.

FIG. 1.

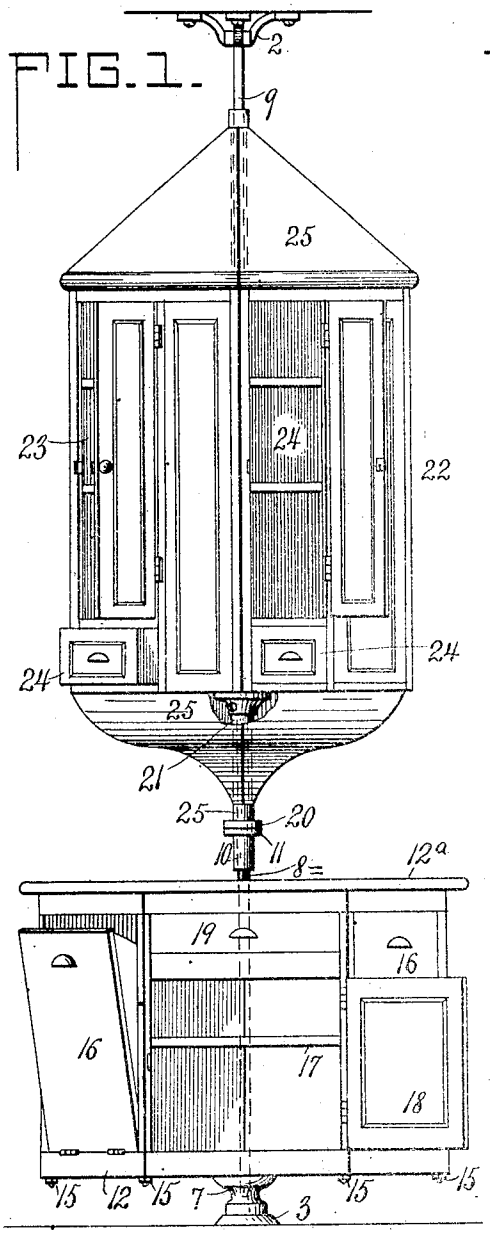
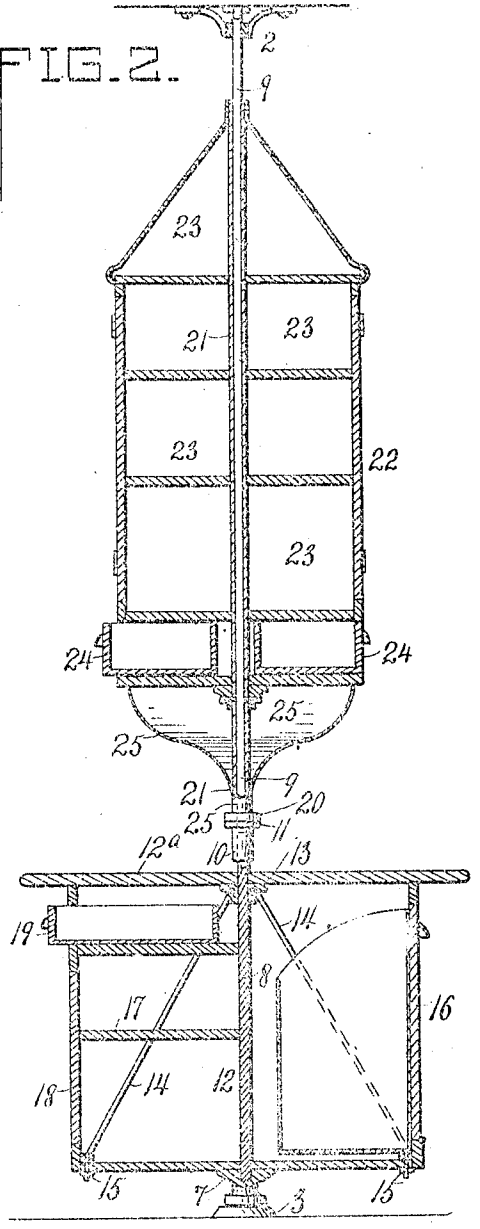


FIG. 2.



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2 SHEETS—SHEET 2.

FIG. 3.

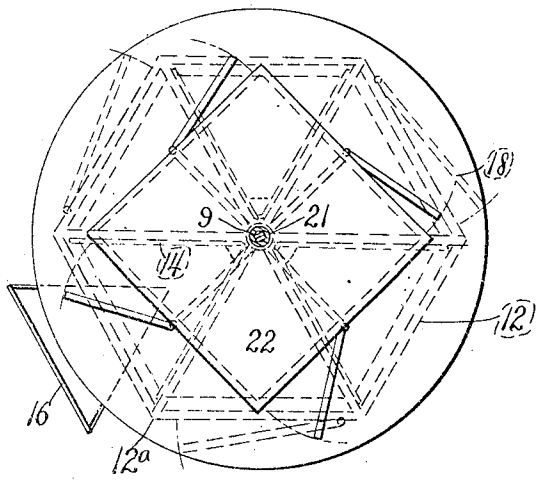


FIG. 4.

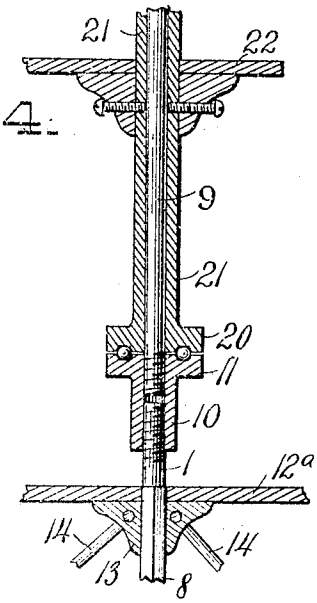


FIG. 5.

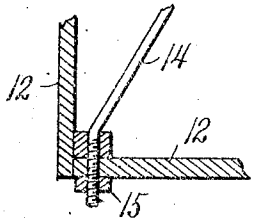
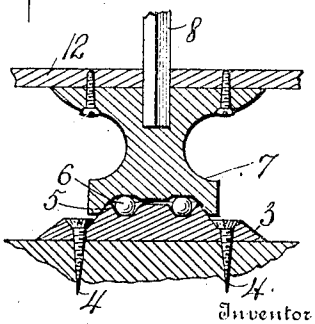


FIG. 6.



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UNITED STATES PATENT OFFICE.

ARTHUR E. BONESTEEL, OF DENVER, COLORADO.

KITCHEN-CABINET.

No. 888,142. Specification of Letters Patent. Patented May 19, 1908.

Application filed September 25, 1907. Serial No. 394,470.

To all whom it may concern:

Be it known that I, ARTHUR E. BONESTEEL, a citizen of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Kitchen-Cabinets, of which the following is such a full, clear, and exact description as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in kitchen-cabinets and consists in certain novel features hereinafter first fully described and then particularly pointed out in the claims.

In the drawings, Figure 1 is an elevation of a kitchen-cabinet embodying the invention; Fig. 2 is a vertical section of the same; Fig. 3 is a plan view thereof; Fig. 4 is an enlarged section of a portion of the vertical axle or shaft; Fig. 5 is an enlarged detail of the lower member of the cabinet, and Fig. 6 is a sectional detail of the floor bearing.

The cabinet of my invention is supported by an axle or shaft, 1, which extends between the floor and the ceiling of the kitchen or other room and has its ends mounted in a collar, 2, and a bearing, 3, on the ceiling and floor, respectively. The collar 2 may be secured to the ceiling in any desired manner and is shown formed with lateral arms through which fastening screws are inserted into the ceiling. The lower bearing, 3, is a cup or disk through which fastening screws, 4, are inserted into the floor and in the top of which an annular raceway, 5, is formed to receive anti-friction balls or rollers, 6. The lower end of the shaft is fitted in a rotary head or block, 7, which fits over the bearing 3 and rests upon the balls 6 therein. The shaft is constructed in two members, 8, 9, which are coupled by a sleeve, 10, having an annular horizontal flange, 11, at its upper end which constitutes a bearing and support for the upper cabinet member, as will be presently described. The upper extremity of the axle member 8 is cylindrical and threaded so as to be engaged by the coupling sleeve 10, as clearly shown in Fig. 4, while below said threaded cylindrical extremity the member is angular in cross section in order that its movement may be imparted directly to the block or head 7. The said head or block 7 is secured rigidly to the bottom of the lower cabinet member, 12, which is of a hexagonal form in plan view and is provided with a circular top, 12^a, constituting a table. Around the shaft or axle and supporting the center of the table top is a bracket, 13, from which braces, 14, extend down to the outer edge of the bottom of the cabinet member where they are secured by nuts, 15, as clearly shown. Suitable radial partitions are provided within the cabinet member and in the alternate compartments thus formed I mount bins, 16, which may swing outward, as indicated in Figs. 1 and 3, to permit access to their contents through their tops. The compartments alternating with the bins form cupboards in which are shelves, 17, and which are closed by doors, 18. Above the cupboards are drawers, 19.

Resting upon the flange 11 is a horizontal annular flange 20 which is formed at the lower end of a sleeve or cylindrical casing, 21, fitting closely around the upper member, 9, of the axle or shaft but free to rotate thereon. Secured to this sleeve or casing is the upper cabinet member, 22, which is constructed with a number of cupboards or compartments, 23, and drawers, 24, as may be desired. The upper cabinet member is of less diameter than the lower member and is set an appreciable distance above it so as to permit the use of the table 12^a to the limit of its capacity while to give a neat finish to the structure an enameled metal conical cover, 25, is fitted around the axle at the upper and lower ends of the cabinet member.

In setting up a kitchen-cabinet embodying the features of my invention, the collar 2 and the bearing 3 are secured in place with the collar directly over the bearing. The lower cabinet member, fitted to the lower section of the axle or shaft, is then brought over and rested upon the bearing 3. The upper section of the axle or shaft is then inserted through the casing or shell 21 and its upper end engaged in the collar 2. The upper cabinet member, carried by said shell or casing, is then swung over the lower cabinet member until the sections of the shaft are in axial alinement. The coupling sleeve 10 is then turned so as to ride upward and engage the upper section of the shaft, rigidly securing the shaft sections together and meeting the flange 20 at the lower end of the shell to form a bearing and support for the same. When thus set up, the cabinet presents a convenient means of storing a large number of utensils or articles of food within a small compass so

as to be readily accessible. The cabinet members rotate independently of each other so that the desired article may be obtained without any steps being taken.

Having thus described my invention, what I claim and desire to secure by Letters-Patent is:—

The combination of a lower shaft member, an upper shaft member, a coupling sleeve mounted on the upper end of the lower shaft member and adapted to engage the lower end of the upper shaft member, said sleeve having an annular bearing flange at its upper end, a shell fitted around the upper shaft member and having a flange at its lower end resting on the bearing flange of the coupling sleeve, a cabinet member carried by said shell, and a cabinet member carried by the lower shaft member.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

ARTHUR E. BONESTEEL.

Witnesses:
A. R. MORRISON,
D. C. BAILEY, JR.