(No Model.) 2 Sheets—Sheet 1.

J. E. LINNELL.

BOTTLE CABINET.

No. 346,166. Patented July 27, 1886.

Fig. 2.

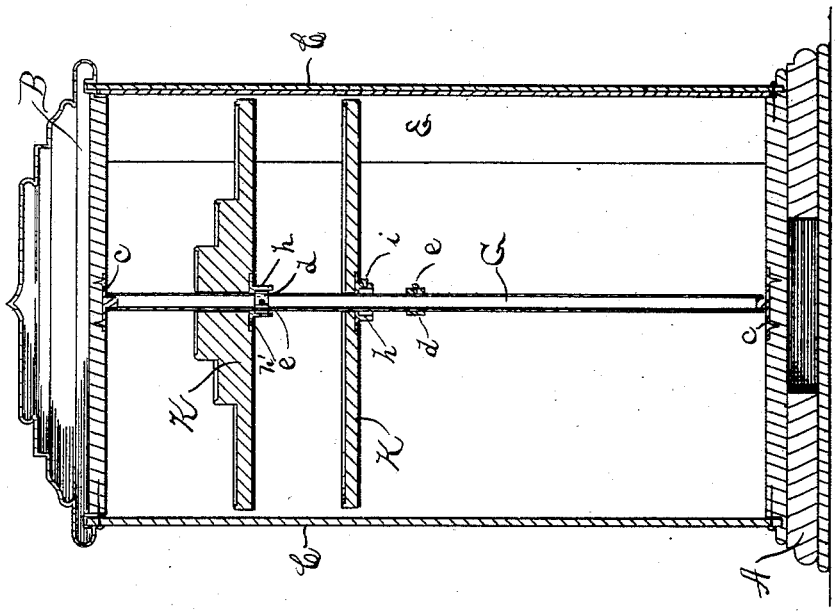
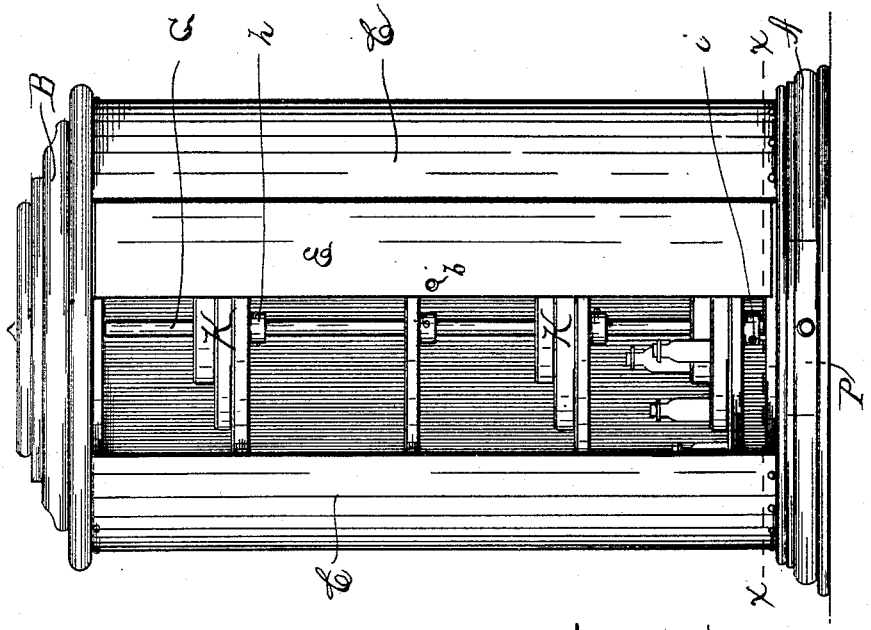


Fig. 1.



Witnesses
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Jonathan E. Linnell,
By his Attorney
Frank N. Allen

(No Model.) 2 Sheets—Sheet 2.

J. E. LINNELL.

BOTTLE CABINET.

No. 346,166. Patented July 27, 1886.

Fig. 3.

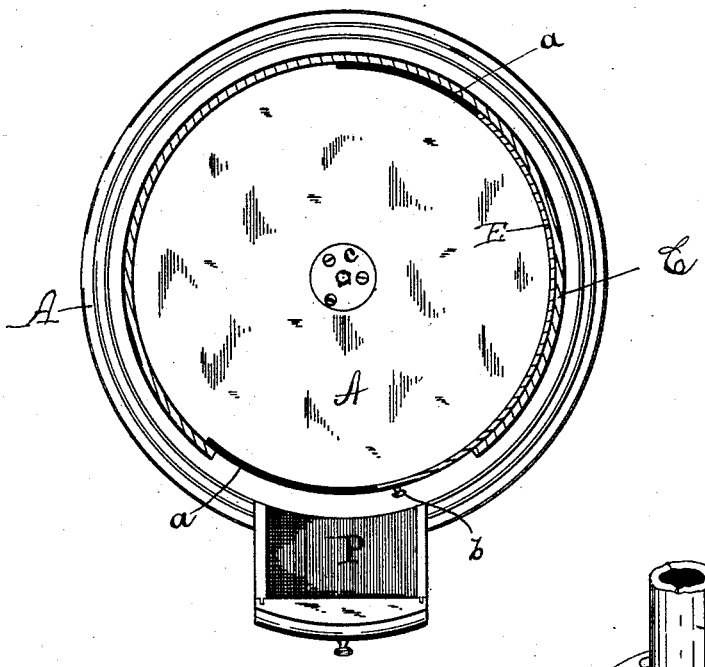


Fig. 4.

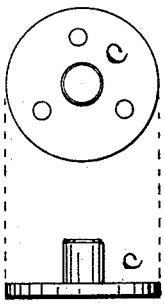
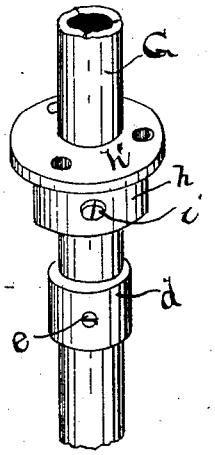


Fig. 5.



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UNITED STATES PATENT OFFICE.

JONATHAN E. LINNELL, OF NORWICH, CONNECTICUT.

BOTTLE-CABINET.

SPECIFICATION forming part of Letters Patent No. 346,166, dated July 27, 1886.

Application filed August 31, 1885. Serial No. 175,867. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN E. LINNELL, a citizen of the United States, residing at Norwich, county of New London, and State of Connecticut, have invented certain new and useful Improvements in Bottle-Cabinets, which improvements are fully set forth and described in the following specification, reference being had to the drawings hereto annexed, in which—

Figure 1 is a front side elevation of my improved cabinet with door partly opened, and Fig. 2 is a vertical sectional view through the center of said cabinet, two of its lower shelves being removed. Fig. 3 is a cross-section on line *x x* of Fig. 1. Fig. 4 shows detached and enlarged the step *c*, and Fig. 5 is an enlarged view of a section of the central tubular shaft G with collar *h* and collar *d*.

My invention relates to a cabinet in which may be kept a large number of bottles or vials of various sizes, the same being in such compact form that any one of said bottles may be quickly reached when needed without disturbing the adjacent bottles.

My improved form of cabinet is particularly adapted to the needs of families, drug-stores, physicians, and, in fact, to any one who has occasion to frequently use or handle bottled specifics in great numbers.

Briefly described, my cabinet consists of a base and top connected by a shell having in one or more of its sides a door. Within said shell is a series of shelves rotatably fixed on a common central shaft, to which they are adjustably connected, as hereinafter described in detail.

In the base or top plate, as is most convenient, I provide a drawer, as shown at P.

In the several drawings the letter A represents the base of my device, made either of wood, as shown, or of sheet metal struck up into ornamental form. The top plate, B, is of similar construction, and is of the same diameter, as the base A. Both the top plate and base are formed, preferably, with an annular groove near the periphery to receive the shell or jacket C, said shell being formed of material to correspond with the base and top plate. This shell C does not extend entirely around to form a perfect cylinder, but is open at one side a distance sufficient to allow the contents of the cabinet to be readily seen and removed.

In practice I leave about one-sixth of the circle open, and to provide a cheap but effective door to close said opening when not in use I have arranged a sheet of metal, E, conforming in shape to the inner surface of the main shell and sliding in grooves *a* in the base and top plate. Referring to Fig. 3, it will be understood that when said door is drawn forward to close the opening its outer edge may extend slightly past the edge of the shell to form a joint practically dust and light tight. To operate said door, a suitable handle or knob, *b*, is provided, which may also serve as a stop to limit the forward movement of the door.

Secured centrally to the upper face of the base A and the under face of the top plate are disks *c c*, having studs which form pivotal bearings for the central shaft, G, said shaft being made, preferably, of a piece of metal tube. On this shaft G are collars *d*, which, after having been adjusted to desired positions on said shaft, are firmly secured in place by set-screws *e*.

In order to so arrange the several shelves K that they may be either rotated independently of each other or caused to rotate together with their common central shaft, I have secured to each shelf a collar, *h*, having an integral flange, *h'*, said collar being counterbored from its lower end to slip over and rest on the fixed collar *d*, above described.

When it is desired to rotate one of the shelves without moving the others of the series, the counterbored collar *h* is allowed to rest and turn on collar *d;* but if it is desired that all of the shelves shall rotate together when one is turned the set-screws *i* in the collars *h* are screwed home against the fixed collars *d*, thus firmly binding all the shelves to the central shaft. The collars *d* may be quickly raised or lowered to vary the position of the shelves and to accommodate bottles of greater or less height.

I have found it very convenient to form my shelves as a series of steps, (see Figs. 1 and 2,) so that the bottles in the rear may be reached and removed without disturbing those in the front row or rows, and have also raised a rim around said shelves to prevent the bottles from sliding off as the shelves are rotated.

The drawer P in the base A, I have provided as a convenient receptacle for powder-papers, labels, &c.

Having thus described my invention, I claim—

1. A cabinet for vials or similar articles, consisting of a circular case provided with a sliding door, as described, having combined therein and therewith a central vertical shaft pivotally secured to the cap and base, substantially as described, a series of collars, *d*, adjustably secured to said shaft, a corresponding series of collars, *h*, counterbored to slip over and rest on said collars *d* and having shelf-supporting flanges *h'*, and a series of shelves secured to and adapted to rotate with said flanges, all being as herein described.

2. In combination with the base A, having a drawer, P, and the top plate, B, the cylindrical shell C, sliding door E, central shaft, G, pivotally connected to the base and top plate, collars *d*, adjustably secured on said central shaft, the counterbored collars *h*, adapted to slip over collars *d* and having means by which they may, if desired, be secured fixedly to said collars, and a series of shelves corresponding in number and secured to the flanges *h'*, all being substantially as herein described, and for the objects set forth.

JONATHAN E. LINNELL.

Witnesses:
FRANK H. ALLEN,
TYLER J. HOWARD.