(No Model.)

A. B. SHIPMAN.

SHOW CASE.

No. 413,872. Patented Oct. 29, 1889.

Fig. 1.

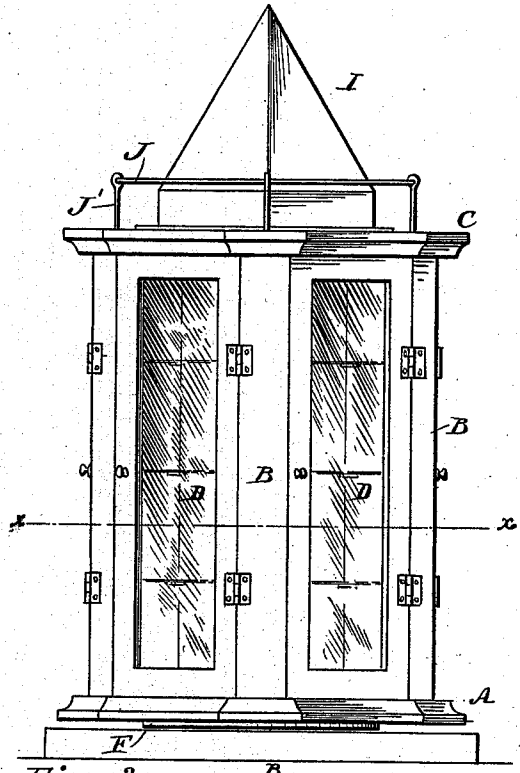


Fig. 2.

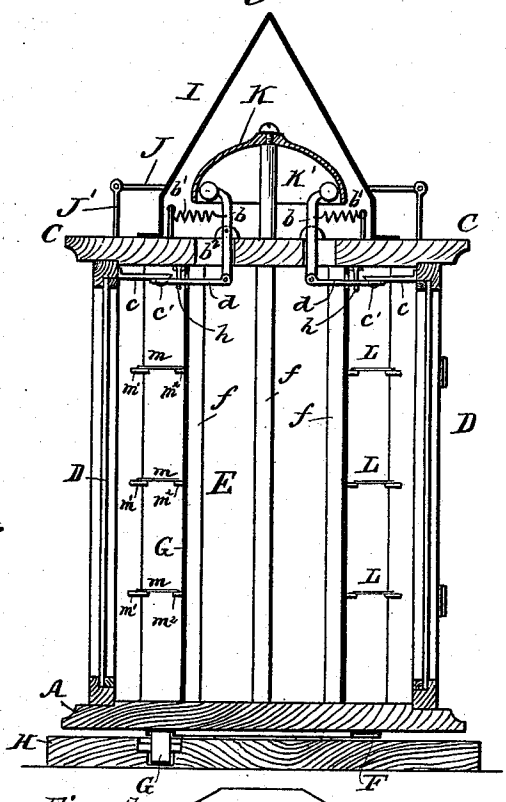


Fig. 3.

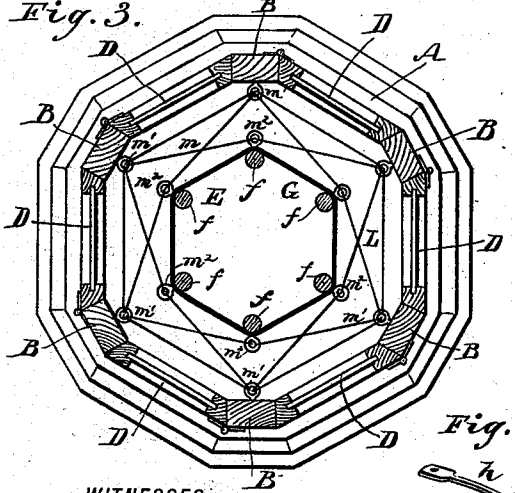


Fig. 4.

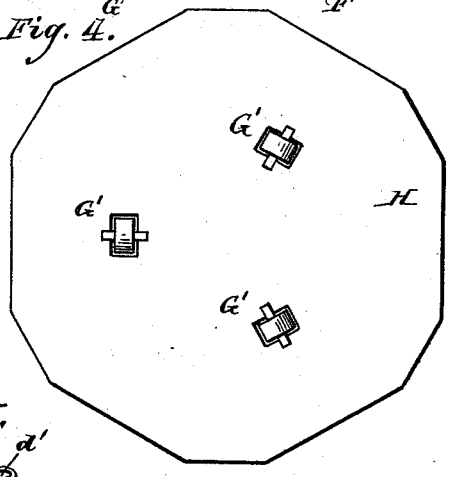
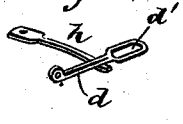


Fig. 5.



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UNITED STATES PATENT OFFICE.

ANDREW B. SHIPMAN, OF COLUMBUS JUNCTION, IOWA.

SHOW-CASE.

SPECIFICATION forming part of Letters Patent No. 413,872, dated October 29, 1889.

Application filed May 23, 1889. Serial No. 311,835. (No model.)

To all whom it may concern:

Be it known that I, ANDREW B. SHIPMAN, of Columbus Junction, in the county of Louisa and State of Iowa, have invented a new and Improved Show-Case, of which the following is a full, clear, and exact description.

My invention relates to a revolving show-case designed more particularly for cigars and tobacco; and the invention consists in the construction of the case in polygonal form with a door in each panel, and in an alarm attachment applied to each door.

The invention also consists in the construction, arrangement, and combination of parts, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my new and improved show-case. Fig. 2 is a sectional elevation of the same. Fig. 3 is a sectional plan view on line *x x*, Fig. 1. Fig. 4 is a plan view of the support for the case, and Fig. 5 is a detached perspective view of a portion of the alarm.

I construct the main body or frame of my new show-case of the base A, circular or hexagonal in form, the six posts B B, secured thereto, and the top board C, mounted on the posts B B. To each post B is hinged a door D, which closes against the opposite edge of the adjoining post. The doors are of glass to exhibit the goods placed in the interior of the case against the inner frame E. This inner frame is composed in this instance of six upright posts *f f*, around which is placed a wall G, of fabric in this instance. To the bottom of the board A is secured the circular channel-plate F, which receives the rollers G′ G′, set in the floor or base-board H. The said rollers support the show-case and facilitate the revolving of the case to bring either side of the case and its contents to the front. Upon the top of the top board C is placed the dome I, surrounded by a rail J, held by the small posts J′. In the interior of the dome I is held the alarm-bell K on a post K′, near which are pivoted the hammers *b*, which are acted on by springs *b′*, which normally draw the hammers in contact with the gong. The lower ends of the hammers reach down through the openings b^2 in the top board C, to be acted on by the opening of the doors to draw back the hammers against the tension of the springs and release the same to cause the bell to be struck at each opening of the door. For operating the hammers, each door is provided with an arm *c*, having a rounded projection *c′*, adapted to enter a loop *d′*, formed on the link *d*, pivoted to the lower end of the pivoted hammers. The links *d* each rest on the free end of a small plate-spring *h*, secured to the under surface of the top board C, and which permits the link *d* to yield to engage and disengage the projection of the arm *c*. When the door is opened, the arm *c* will draw the link *d* and lower end of the hammer forward until the downward pressure of the curved projection overcomes the upward pressure of the spring *h*, whereupon the link will be depressed and released, permitting the spring to suddenly return the hammer and strike the gong. On closing the door the projection *c′* rides over the end of the loop *d′*, depresses the spring *h*, and again engages with the loop, ready to strike the bell upon the next opening of the door.

L L are the shelves for supporting the goods placed in the show-case. These shelves in this instance are each made of a wire *m*, strung through the eyebolts or rings *m′* in the inner surfaces of the posts B and m^2 in the uprights *f*, the wire being so strung as to cross in the center of each panel of the case, as shown clearly in Fig. 3.

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

1. A show-case comprising a base and top board united by a series of outer vertical posts and a series of inner vertical posts, in combination with an inner wall surrounding the series of inner vertical posts, outer doors hinged to the outer posts, and the horizontal supports L, arranged between the outer and inner series of posts, substantially as described.

2. The show-case herein shown and described, the same consisting of a base and top board united by an inner and outer series of vertical posts, in combination with a dome

mounted upon the top board, a gong placed therein, doors hinged to the outer posts, and striking mechanism connected to the doors and top board for sounding the gong upon the opening of any one of the doors, substantially as described.

3. The door D, having the arm *c*, formed with a rounded enlargement *c'*, in combination with the bell K, spring-actuated hammer *b*, link *d*, pivoted to the hammer, and the spring *h*, the said link being formed with a loop *d'*, substantially as described.

ANDREW B. SHIPMAN.

Witnesses:
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