

C. A. SCHAEFER.

SHOW CASE.

APPLICATION FILED OCT. 24, 1910, RENEWED AUG. 4, 1911.

1,002,543.

Patented Sept. 5, 1911.

2 SHEETS—SHEET 1.

Fig. 1.

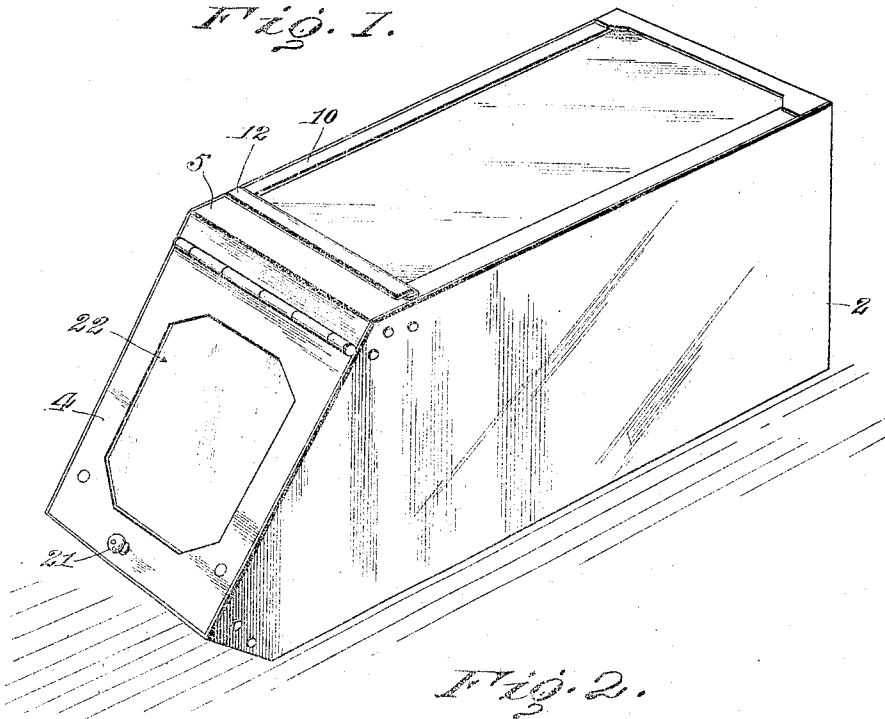
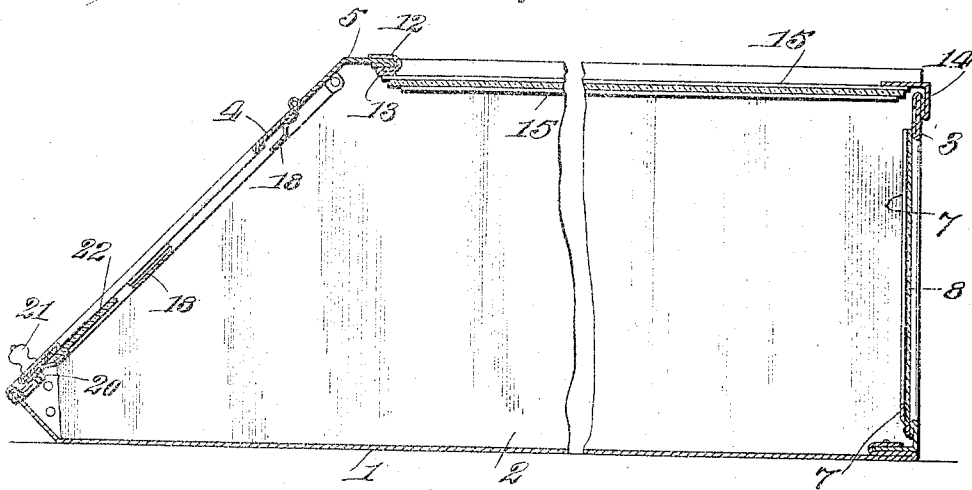


Fig. 2.



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2 SHEETS-SHEET 2.

Fig. 3.

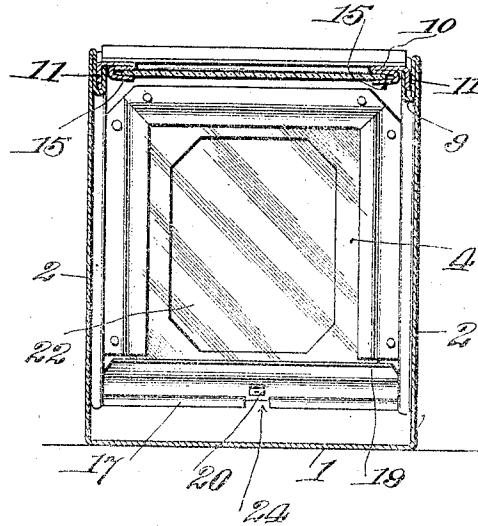


Fig. 4.

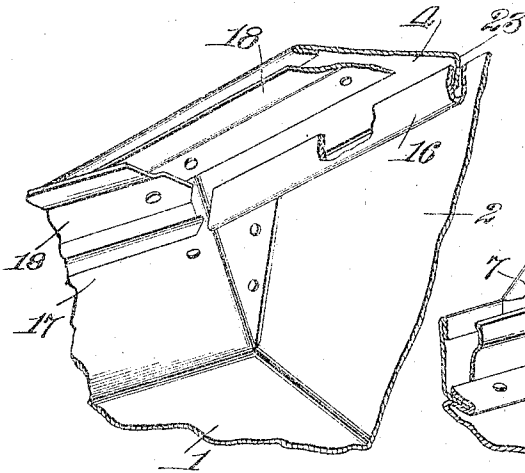


Fig. 5.

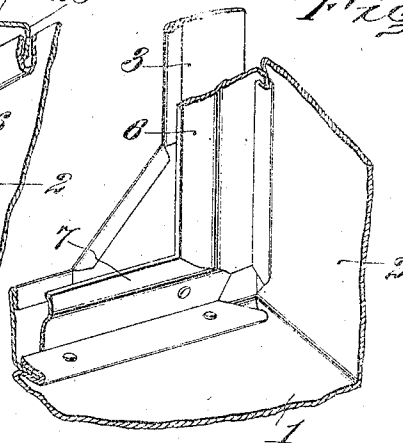
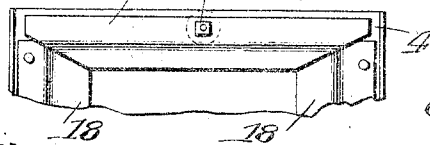


Fig. 6.



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UNITED STATES PATENT OFFICE.

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SHOW-CASE.

1,002,543.

Specification of Letters Patent.

Patented Sept. 5, 1911.

Application filed October 24, 1910, Serial No. 588,739. Renewed August 4, 1911. Serial No. 642,408.

To all whom it may concern:

Be it known that I, CHARLES A. SCHAEFER, citizen of the United States, residing at Galion, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Show-Cases, of which the following is a specification.

This invention comprehends certain new and useful improvements in devices for containing fruits, candies, or other commodities for sale, and the invention has for its primary object an improved construction of show case which will more than comply with municipal or other regulations or sanitary laws requiring goods to be exhibited in dust proof cases.

The invention also has for its object a sectional sanitary show case which will be attractive in appearance and expose to view the goods to be sold in an attractive manner, but without the possibility of dust gaining access to the interior of the case.

The invention also has for its object a sectional sanitary show case of this character which will embody peculiar advantageous features relating to the holding of the different parts in assembled position to each other, particularly the manner of detachably holding the glass panels which form parts of the ends and top of the case and through which the contents of the case may be viewed. And the invention has for a further object to generally improve this class of devices and to render them more useful and commercially desirable.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a show case constructed in accordance with my invention; Fig. 2 is a longitudinal sectional view thereof; Fig. 3 is a transverse sectional view; Figs. 4 and 5 are fragmentary perspective views looking into opposite corners of the case; and, Fig. 6 is a fragmentary view of one end of the case.

Corresponding and like parts are re-

ferred to in the following description and indicated in all the views of the drawings by the same reference characters.

My improved show case is preferably constructed of sheet metal and embodies a bottom 1, sides 2 which are preferably permanently attached to the bottom, a relatively stationary vertically disposed end frame 3, and a movable or swinging end frame 4, the latter being hingedly connected at one end to the downwardly extending edge of a cross bar 5 and riveted or otherwise secured to the sides 2 at the upper edges of the latter.

The end frame 3 is provided on its inner face with vertical flange guide strips 6 and a bottom horizontally extending guide strip 7, these strips being designed to receive a glass panel 8 slipped downwardly behind them, so as to constitute a transparent and dust proof panel through which the goods may be viewed at this end of the case.

The sides 2 of the case are formed on their inner faces with longitudinally extending guide channels 9, said channels being preferably formed by crimping the upper edge of the sides inwardly, and thence turning the marginal edges upwardly to form the upwardly facing channels. This frame is formed at its sides with depending flanges adapted to fit into the channels or grooves 9 so as to produce a dust proof joint between the top and sides, and the end bar 12 of the top frame is provided with an upwardly projecting and forwardly facing flange 13 formed by bending the metal of which the end bar is composed. The end bar 12 preferably projects somewhat beyond the adjoining ends of the side bars of the frame 10. This frame is also provided at the end opposite the bar 12 with a downwardly extending butt-flange 14.

In applying the top to the sides, the flanges 11 are fitted down into the channels 9 and the top frame is given a longitudinal movement in one direction, whereby the end bar 12 will fit underneath the rear edge of the cross bar 5, while the flange 13 will embrace said rear edge and effectually form a dust proof joint at this point, while the butt-flange 14 will bring up against the outer face of the vertical end frame 3 to form a tight joint, and manifestly, a cor-

responding joint will be formed by the interengaging side flanges 11 and the walls of the channels 9. It is also to be noted that the end bar of the frame 10 which is provided with the butt-flange 14, constitutes a stop for the glass panel 10, the latter being prevented from removal so long as the top frame is in place. The top frame is provided with longitudinally extending oppositely facing guides 15 for a glass panel, these guides being preferably formed by crimping the inner edges of the side bars of the frame 10 and then folding the edges upon themselves in opposite directions, as clearly illustrated in the drawing.

The sides 2 of the case are preferably inclined at the end where the swinging frame 4 is located and are here provided with outwardly and upwardly facing preferably integral side flanges 16 and a bottom abutment flange 17. The end frame 4 itself is formed with glass holding strips 18, the strip at the relatively free edge of the frame, designated 19, being removable and being secured in place by the same nut 20 which secures in place the bolt of the handle knob 21. By this means the glass panel 22 of the frame 4 may be easily applied and removed when necessary. The frame 4 is formed on its side edges with flanges 23 adapted to fit into the side flanges 16 so as to form a dust excluding joint between the frame 4 and the sides 2 when the former is in closed position. The abutment flange 17 is recessed or cut out, as indicated at 24, so as to accommodate the nut 20 in the closed position of the frame 4.

From the foregoing description in connection with the accompanying drawings, the practical use and operation of my improved sectional sanitary show case will be apparent. The panels may be easily removed and replaced as required, the top may be easily removed and replaced, and when the parts are assembled as hereinbefore described and illustrated in the drawings, it is evident that a dust proof show case will be produced, which is the main object of this invention.

Having thus described the invention, what is claimed as new is:

1. A show case embodying sides provided with upwardly facing longitudinally extending channels, a top frame, the side bars of which are formed at their outer edges with depending flanges adapted to fit in said channels, the inner edges of said side bars being crimped inwardly upon themselves and returned toward each other to form inwardly facing glass folding guides, and means for holding said frame with its flanges in the channels.

2. A show case embodying a swinging end frame hingedly connected thereto at one edge, said frame being provided on one face with relatively stationary glass retaining strips and at its free edge with a removable glass retaining strip, a handle knob, a bolt connected to said knob and extending through the free end of the frame and said removable strip, and a nut screwing on said bolt and serving to hold both the handle knob and removable strip in place.

3. A show case embodying a swinging end frame hingedly connected thereto at one edge, said frame being provided on one face with relatively stationary glass retaining strips and at its free edge with a removable glass retaining strip, a handle knob, a bolt connected to said knob and extending through the free end of the frame and said removable strip, a nut screwing on said bolt and serving to hold both the handle knob and removable strip in place, the swinging frame being also provided with side flanges, and the case being formed with oppositely facing flanges and with an abutment flange against which latter the free end of the frame is adapted to lie, said abutment flange being formed with a recess to accommodate the nut.

In testimony whereof, I affix my signature in presence of two witnesses.

CHAS. A. SCHAEFER. [L. S.]

Witnesses:

CHAS. TRACHT,
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