J. F. DEARDORFF.

SANITARY SHOW CASE.

APPLICATION FILED OCT. 25, 1913.

1,138,939.

Patented May 11, 1915.

2 SHEETS—SHEET 1.

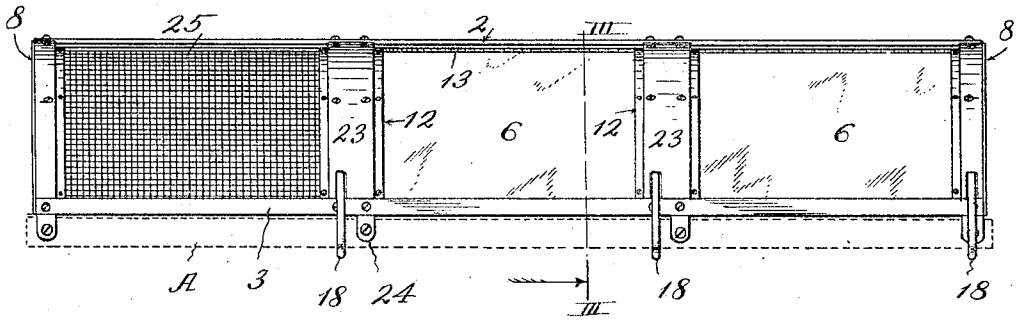
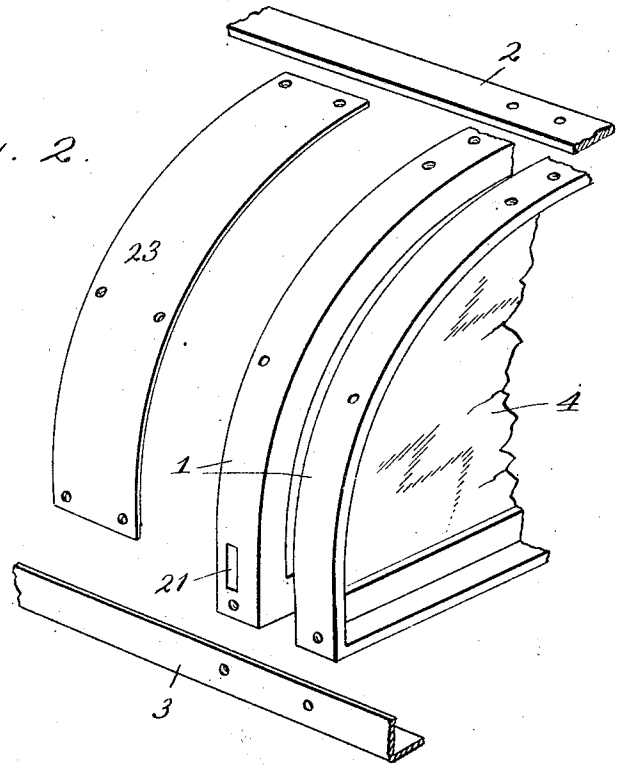


Fig. 1.

Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

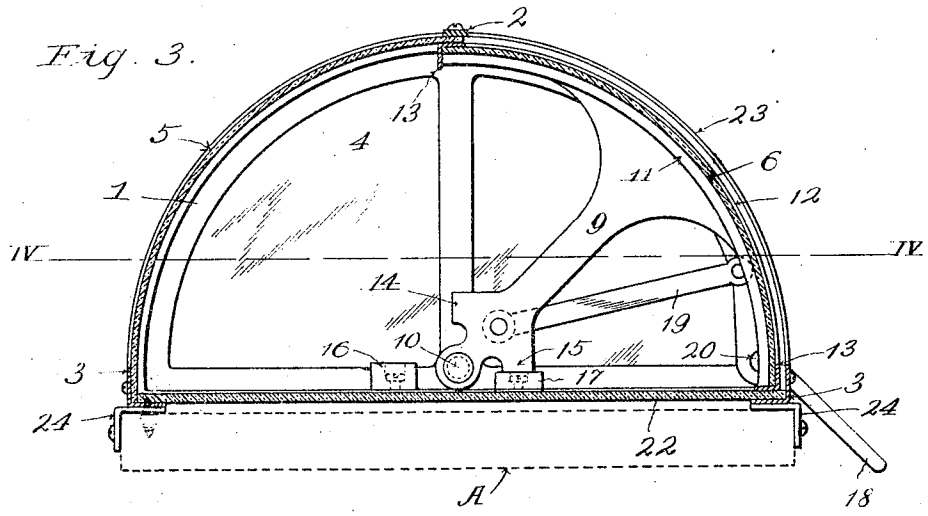


Fig. 4.

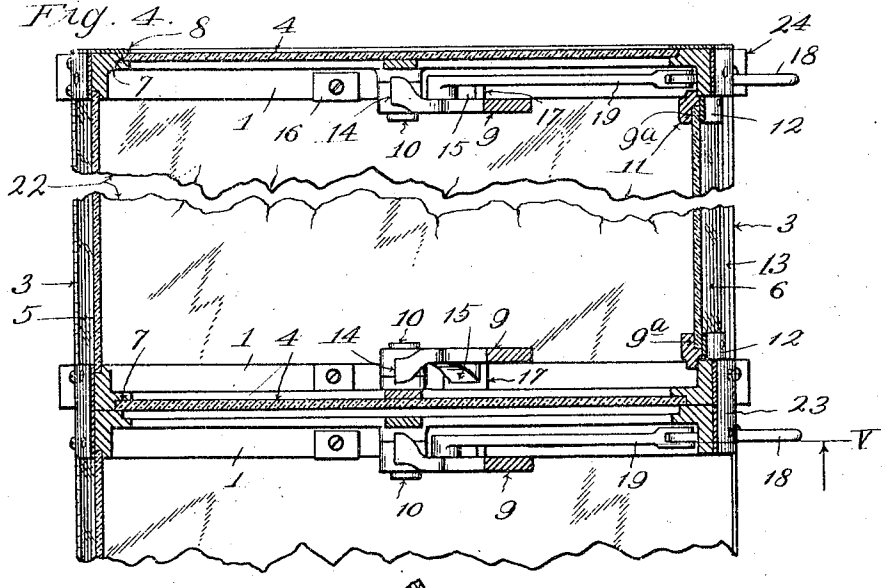
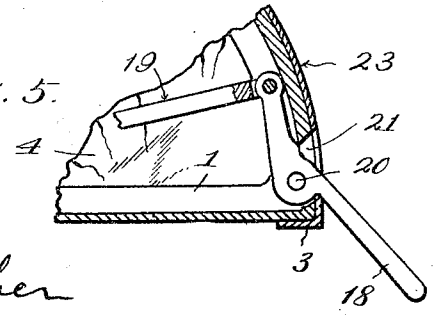


Fig. 5.



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UNITED STATES PATENT OFFICE.

JOHN F. DEARDORFF, OF KANSAS CITY, MISSOURI.

SANITARY SHOW-CASE.

1,138,939. Specification of Letters Patent. Patented May 11, 1915.

Application filed October 25, 1913. Serial No. 797,235.

To all whom it may concern:

Be it known that I, JOHN F. DEARDORFF, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Sanitary Show-Cases, of which the following is a specification.

My invention relates to sanitary show-cases, and one object is to provide a comparatively simple and inexpensive case of this character for displaying bakery, candy manufactures, and other products in such manner that flies and other insects may be excluded from said products.

A further object is to provide a showcase in which sections may be readily added to increase the capacity of the showcase as necessity demands.

Other objects of the invention will hereinafter appear, and in order that said invention may be fully understood, reference will now be made to the accompanying drawings, in which:

Figure 1 is a front elevation of my showcase embodying three sections. Fig. 2 is a broken detail perspective of certain parts of the showcase ready to be assembled. Fig. 3 is a vertical cross section on line III—III of Fig. 1. Fig. 4 is a broken horizontal section on line IV—IV of Fig. 3. Fig. 5 is a broken vertical cross section on line V of Fig. 4.

In carrying out the invention, I employ a frame for each section of the showcase, comprising a pair of skeleton end segments 1, a centrally disposed longitudinal bar 2 connecting the upper sides of said end segments and a pair of longitudinal angle bars 3 uniting the lower corners of said end segments.

The sections of the showcase are inclosed in end transparent or glass plates 4 and arcuate transparent or glass plates 5 and 6. The endmost glass plates 4 are held in rabbets 7 in the two endmost segments 1 by segmental retaining plates 8, removably secured to said endmost segments 1. The intermediate plates 4 are held in the rabbets 7 of the intermediate segments 1 by the abutting segments of the companion sections. Each intermediate segment 1 can be supplied with a glass plate 4, but it is only necessary to have one glass plate 4 between the abutting sections, as shown by Fig. 4. Each glass plate 6 constitutes part of a door for normally closing the open front portion of each section through which access may be had to the interior of the latter. Said door consists of the glass plate 6 and a pair of oscillatory arms 9 which latter are mounted at their lower terminals upon pivots 10 projecting inwardly from the lower central portions of the end segments 1 (Figs. 3 and 4). Each glass plate 6 is held in position in the rabbets 9^a in the arcuate free terminals 11 of the oscillatory arms 9, by arcuate retaining plates 12 and horizontal anglebars 13 removably secured to the ends of said arcuate terminals 11 (Figs. 3 and 4). The uppermost anglebar 13 almost contacts the inner surface of the glass plate 5, (Fig. 3) to prevent ingress of flies and other insects. The arc of the glass plates 6 and 6 is struck from the center of pivots 10, so that when the door is swung open the glass plate 6 will pass back beneath the glass plate 5.

In order to avoid shock to the glass plate 6 when the door is opened or closed oscillatory arms 9 are provided with bumpers 14 and 15, the former of which impinge against cushions 16 when the door is opened, while the latter impinge against cushions 17 when the door is closed, (Fig. 3).

The door is actuated through the intermediacy of a hand lever 18 and a connecting bar 19, the latter of which is pivotally connected at its ends to one of the oscillatory arms 9 and the upper end of the hand lever 18. The hand lever 18 is fulcrumed upon a pivot 20 and extends through a slot 21 in the front side of the adjacent end segment 1.

The bottom of each section of the show case is closed by a glass plate 22 which lies upon the angle bars 3 and between the lower horizontal portions of the end segments 1.

When the showcase is made up of two or more sections, the abutting end segments 1 are united by broad, arcuate connecting plates 23, the upper ends of which abut the longitudinal bar 2, while their lower ends abut the anglebars 3 (Figs. 1, 2 and 3).

When desired, the showcase may be rigidly secured to the top of a counter, such as indicated at A, by brackets 24.

In some instances, wire netting 25 is substituted for one or more of the glass plates of one or more of the sections.

While I have shown and described the preferred construction of my showcase, I of course, reserve the right to make such

changes in construction, arrangement, and proportion of parts as properly fall within the spirit and scope of the claim.

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

A show case comprising a plurality of sections, each section having segmental shaped ends, the ends of the intermediate section abutting the ends of the adjacent sections, a bar extending across the upper portions of said ends and connecting the same, an angle bar extending across the lower portions of the ends and connecting the same, the outer and inner ends of the outer sections having glass panes, carried thereby, the panes of the inner ends of said sections serving as closures for the ends of the intermediate section, arcuate plates engaging the arcuate surfaces of the ends for uniting the abutting ends of the sections and being engaged by said bar and angle bar.

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

JOHN F. DEARDORFF.

Witnesses:
T. E. LAUDER,
F. G. FISCHER.