No. 761,243. PATENTED MAY 31, 1904.

C. F. MURRAY.

SHOW CASE.

APPLICATION FILED JAN. 12, 1903. RENEWED MAR. 31, 1904.

NO MODEL.

Fig. VI

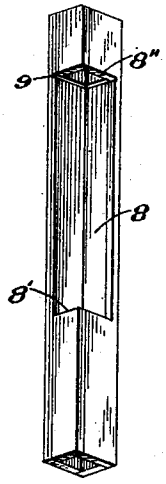


Fig. I

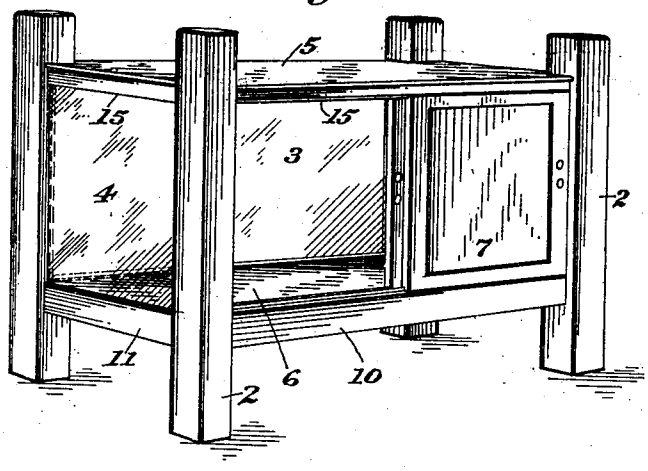


Fig. II

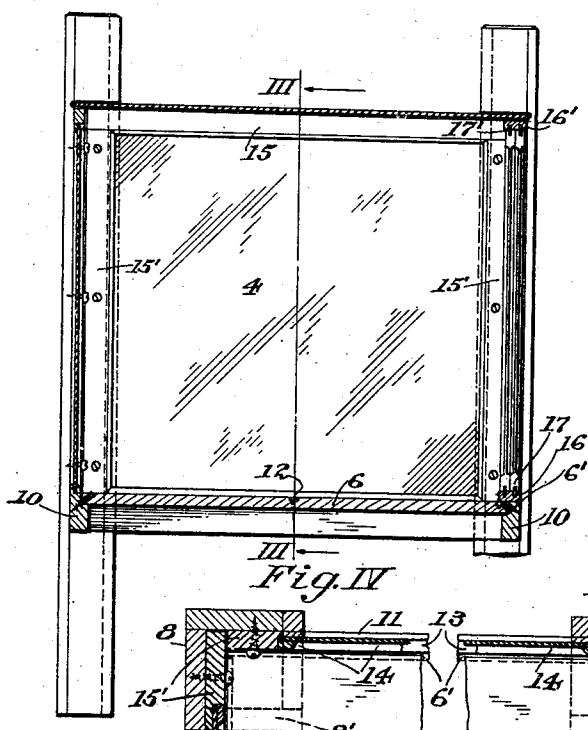


Fig. III

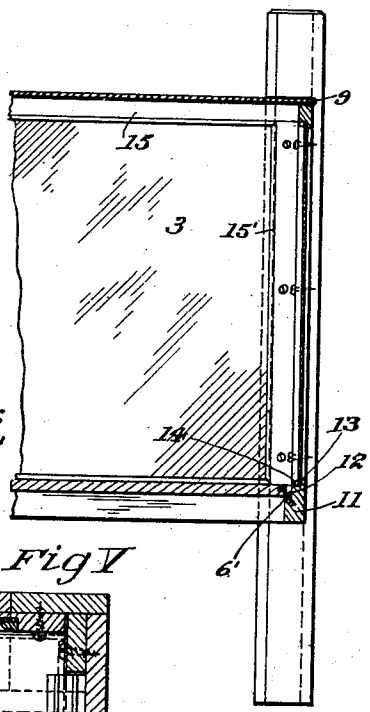


Fig. IV

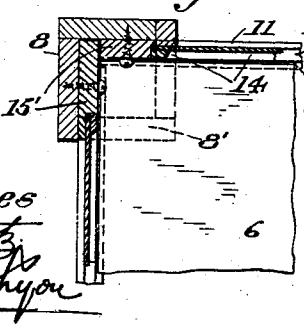
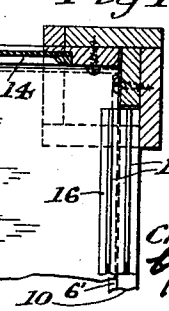


Fig V



Witnesses
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Inventor
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THE NORRIS PETERS CO. PHOTO-LITHO., WASHINGTON, D. C.

No. 761,243. Patented May 31, 1904.

UNITED STATES PATENT OFFICE.

CHARLES F. MURRAY, OF LOS ANGELES, CALIFORNIA.

SHOW-CASE.

SPECIFICATION forming part of Letters Patent No. 761,243, dated May 31, 1904.

Application filed January 12, 1903. Renewed March 31, 1904. Serial No. 200,952. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. MURRAY, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a certain new and Improved Show-Case, of which the following is a specification.

This invention relates to show-cases, and has for its object the provision of a show-case which shall embody simplicity and durability of construction and artistic effect.

A further object is to provide a construction which will embody the several parts in such form as to be readily taken apart in sections and packed in convenient "knockdown" form for shipment.

A further object is to provide a construction which shall embody simple, positive, efficient, and artistic means for holding the glass top plate firmly in position, avoiding the use of any means requiring the provision of holes in the top plate.

With these and such other objects and ends in view, as shall hereinafter appear, in general my invention consists in a show-case having supporting pillars or posts, such posts provided with seats for the show-case body and with shoulders formed at the top of said seats and adapted to retain the top plate in position, and a show-case body formed of a bottom or floor, glass side and end plates, suitable doors, and a top plate, said top plate loose on said side and end plates or panels and securely held thereon by the upper portions or shoulders of said seats.

The invention consists, further, in providing at the upper portions of said seats top-plate grooves or notches into which the edges of the top plate overlapping the side and end panels or plates are adapted to extend.

The invention consists, further, in the constructions and in general and specific combinations of parts, all as hereinafter described, and particularly pointed out in the claims, and will be more readily understood by reference to the accompanying drawings, forming part of this specification, in which—

Figure I is a perspective view of a show-case embodying my invention. Fig. II is a transverse sectional view. Fig. III is a sectional view on the line III III of Fig. II. Figs. IV and V are sectional plan views of the corner posts or pillars, showing the manner in which the show-case body is connected with the posts. Fig. VI is a perspective view showing one of the pillars or posts and the body-seat therein.

As shown in the drawings, 2 2 represent the pillars or posts which support the body portion of the show-case. These pillars are preferably composed of wood and "built up." I do not, however, limit myself to any particular material and may, if desired, construct these posts or pillars of a single piece or may make them of any suitable material or in any desired manner.

3, 4, and 5 respectively represent the side, end, and top glass plates or panels of the show-case.

6 represents the floor, and 7 7 slidable doors by which entrance to the inside of the show-case is secured.

The pillars or posts 2 are each provided upon their inner portions with seats for the body portion composed of the floor, sides, ends, top, and doors of the show-case. These seats, as shown best in Fig. VI, are formed by cutting away a portion of each of the posts to form a recess 8 in the post. The portion 8′ of the post forming the bottom of this recess forms the seat upon which a corner of the body portion rests, and the upper wall 8″ of the recess forms the retaining shoulder or portion for retaining the top plate in place, as hereinafter described.

9 represents a groove or notch which is cut transversely in the post at the upper end of the seat and projects into the post therefrom, and in this groove or notch 9 the overlapping edge of the top plate is adapted to fit, as more fully set forth hereinafter.

10 10 represent the longitudinal sills of the body of the case. These sills have rabbets 6′, upon which the floor 6 rests, being secured on the sills by countersunk screws 12, Fig. II. Similar end sills 11 similarly support the ends of the floor 6 and, as hereinafter explained, form a portion of the frame for the glass end

plates 4. These sills 10 11 are provided with rabbets 13, which form seats for the side and end plates or panels 3 4, which are held thereon by strips or beading 14. The upper edges of the plates 4 rest in similar seats formed in the stiles or rails 15 of the respective sides and ends and are held thereon by similar beading 14. The ends of the side plates 3 and the sides of the end plates 4 rest in similar seats on the respective stiles or rails 15′, forming the ends and sides, respectively, of the frames for the side and end plates or panels, being secured therein by similar beading.

16 represents a track provided for the sliding doors 7. This track is provided with two longitudinal tongues 17, inserted into the track 16, as shown, and extending the full length of the rear side of the case. The under edges of the respective doors are provided with grooves adapted to receive the respective tongues 17 and slide thereon, the tongues thus preventing the lateral displacement of the doors while guiding their longitudinal movement. Similar tongues 17′ are inserted in a similar strip 16′ at the top. (See Fig. II.)

In assembling my show-case two legs or pillars 2 2 are arranged with the seats thereof opposite each other, as shown in Fig. II. An end sill 11 is then placed on the shoulders 8′ of the posts. The side and top stiles or rails 15 15′ are then secured in place within the recess or seat 8 of the post, spaces being left between the inner edges thereof and the walls of the recess or seat for the purpose hereinafter set forth. The end plate 4 is then placed in the rabbets or seats 13 of the sill 11 and stiles or rails 15 15′ and secured thereon by beading 14. This operation is then repeated to set up the other end. The longitudinal sills 10 are then inserted into one of the ends, the end of a sill 10 resting on the shoulder or seats 8′, between the wall thereof and the end of the sill 11, Figs. IV and V. The floor 6 is then inserted into the rabbets 6′ of the sills 10 and into the rabbet 6′ of the end sill 11. The side plate or panel 3 is then placed on the rabbet or seat of the longitudinal sill 10 and top rail or stile 15 and secured in place by the beading 14. The rear sill 10 is put in place similarly to the front sill 10. The track 16, with the tongues 17 therein, and the top strip 16′ are secured in place. The doors may be slipped into place on the tongues 17 and track 16 16′ from the yet open end. The top edges of the stiles or rails 15 15′ having been covered with a dust-proof felt, the top plate 5 is slipped into position on top the rails 15 15′ and into the grooves 9 of the end posts of the completed end. The remaining end section, consisting of the two pillars or posts, the end frame, and plate, are then moved up and the projecting ends of the sills 10, floor 7, and rails 15 15′ slipped into place in the seats of the posts, the end of the floor resting in the rabbet of the end sill 11 and the sills 10 passing between the ends of the sills 11 and the walls of the seats in the pillars or posts. The doors sliding on the respective tongues are adapted to pass each other, owing to the distances between the respective tongues. The projecting edge of the top plate passes into the grooves 9 of the end posts. The sills 10 and floor 6 are then secured in place by suitable means, such as screws 12. The top plate is thus held firmly in place and a practically dust-proof case provided without the necessity of using corner-clamps or making holes through the top plate.

It is seen that the pillars or posts of my show-case are completely independent of all other parts and that the cut-away portions form seats for the body portion proper, within which seats the body portion proper rests or is seated. Also that the upper wall of the recesses or seat hold the top plate in place.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A show-case comprising, in combination, pillars or posts provided with seats for the body proper, and a show-case body proper adapted to rest in said seats and comprising a floor, end and side plates or panels, a top plate loose on said body and held in position by the walls of said seats, and doors.

2. A show-case, comprising, in combination, pillars or posts provided with recesses or seats for the body portion, and a show-case body portion adapted to rest in said seats and comprising a floor, end and side plates or panels, doors and a top plate, said top plate resting loosely upon the sides and ends of the body portion and retained in position thereon by the upper walls of said recesses or seats.

3. A show-case, comprising, in combination, pillars or posts provided with recesses or seats for the body portion, and provided at the top of said recesses or seats with auxiliary seats or grooves to receive the overlapping edges of the top plate, and a show-case body adapted to rest in said seats and comprising a floor, end and sides, doors and a top plate, said top plate resting loosely upon said sides and ends and having overlapping edges, said top plate retained in position on said sides and ends by the upper walls of said recesses or seats and its overlapping edges extending into said auxiliary seats or grooves.

4. A show-case, comprising, in combination, pillars or posts provided with recesses or seats for the body portion, and a show-case body comprising sills arranged in said seats, a floor supported in rabbets of said sills, side and end stiles or rails arranged in said seats, glass end and side plates arranged in rabbets of said sills and stiles or rails, means securing said plates therein, doors suitably mounted, and a top plate loose upon said stiles or rails, said top plate held in position thereon by the upper walls of said recesses or seats.

5. A show-case, comprising, in combination, pillars or posts provided with recesses or seats

for the body portion, and provided at the top of said recesses or seats with auxiliary seats or recesses, and a show-case body comprising sills arranged in said seats, a floor supported on said sills, side and end stiles or rails arranged in said seats, glass end and side plates thereon, means securing said plates thereon, doors, and a top plate loose upon said stiles or rails, said top plate held in position by the upper walls of said recesses or seats and having overlapping edges extending into said auxiliary seats or recesses.

6. A show-case, comprising, in combination, pillars or posts provided with seats or grooves for the overlapping edges of the top plate, and a body portion secured to said pillars or posts and comprising a floor, ends and sides, doors, and a top plate, said top plate having edges overlapping said sides and ends, said overlapping edges extending into said seats or grooves, whereby the top plate is secured in position.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at Los Angeles, in the county of Los Angeles and State of California, this 6th day of January, 1903.

CHARLES F. MURRAY

Witnesses:

FREDERICK S. LYON,

MAJ. E. LABERGE.