M. LUBART.

DISPLAY CASE.

APPLICATION FILED JULY 10, 1911.

1,012,673.

Patented Dec. 26, 1911.

2 SHEETS—SHEET 1.

Fig. 1.

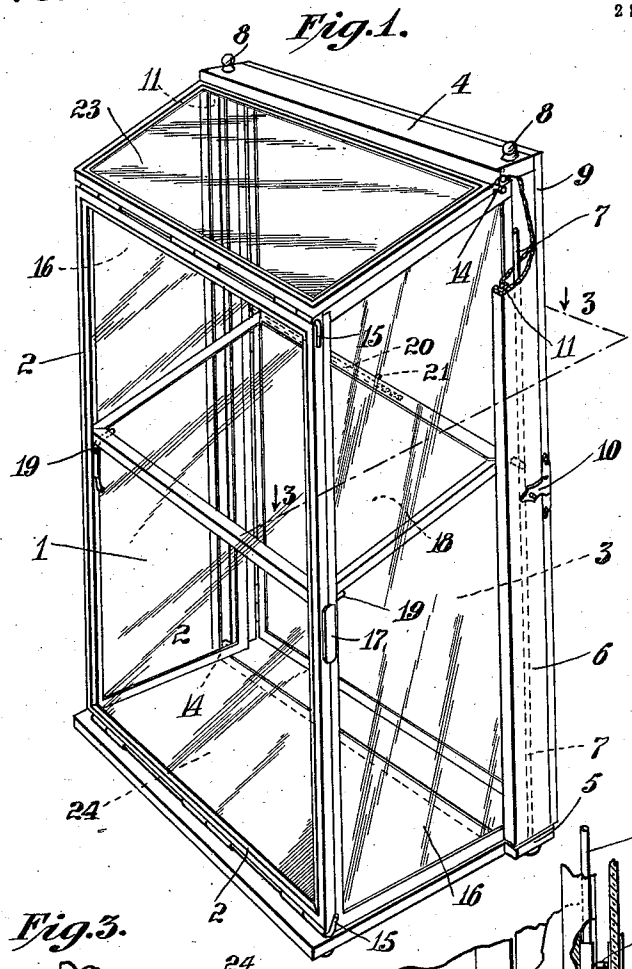
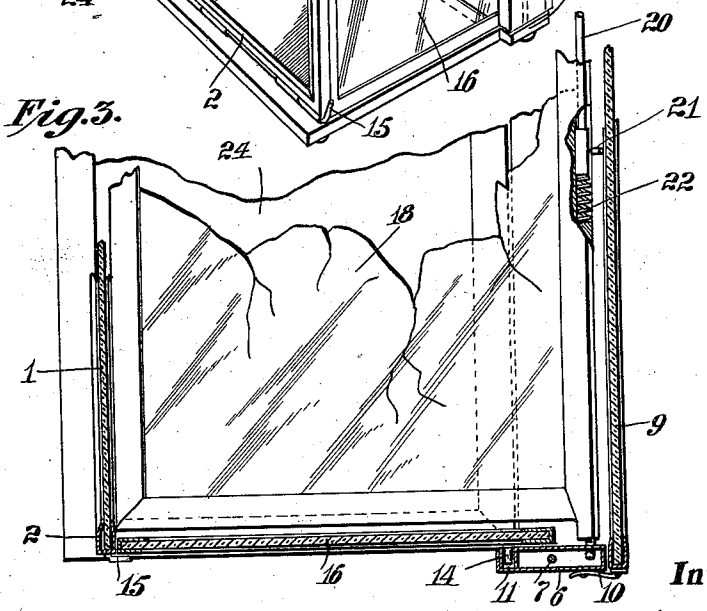


Fig. 3.



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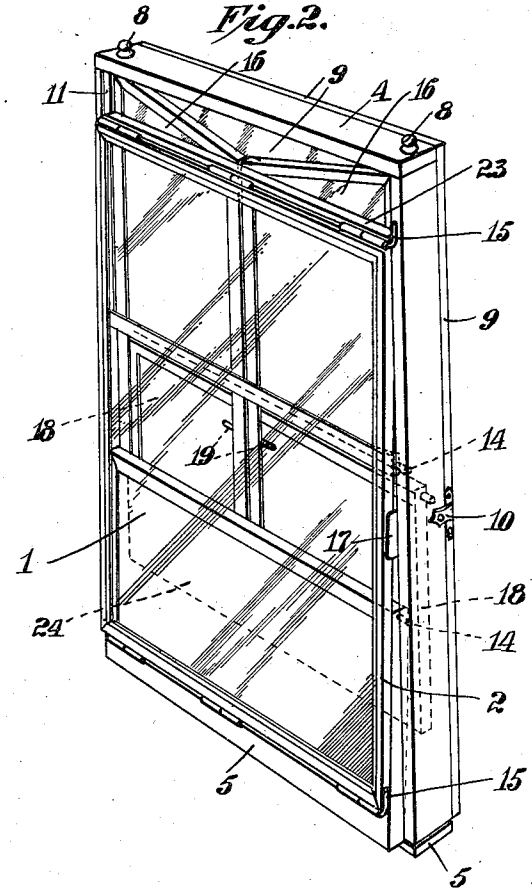
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2 SHEETS—SHEET 2.

Fig. 2.



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UNITED STATES PATENT OFFICE.

MORRIS LUBART, OF NEW YORK, N. Y.

DISPLAY-CASE.

1,012,673. Specification of Letters Patent. Patented Dec. 26, 1911.

Application filed July 10, 1911. Serial No. 637,711.

To all whom it may concern:

Be it known that I, MORRIS LUBART, a subject of the Czar of Russia, residing at No. 53 Canal street, New York city, New York, have invented new and useful Improvements in Display-Cases, of which the following is a specification.

This invention relates to folding display cases, and one of the objects of the invention is to provide a case of this character which may be readily folded into compact form for the purpose of handling or transportation, and which may be readily and quickly set up in condition for use.

Another object is to provide a device of this character which can be taken apart if desired.

Other objects will in part be obvious and in part be pointed out hereinafter.

In the accompanying drawings showing an illustrative embodiment of the invention and in which the same reference numeral refers to similar parts in the several figures, Figure 1 is a perspective view of the case in condition for use, part being broken away for the sake of clearness. Fig. 2 is a perspective view of the case in its collapsed or folded condition, and Fig. 3 is a part sectional view taken on the line 3—3 of Fig. 1.

Referring to the drawings, 1 indicates the front member, which, as shown, is preferably formed of glass and provided with a metal frame 2 of suitable construction. 3 represents the rear member which is also preferably formed of glass. As shown, the rear member consists of a frame comprising upper and lower portions 4 and 5 respectively, and side portions 6. These portions are preferably detachably held together in any suitable manner, as, for example, by means of the headed rods 7 passing through the upper and lower portions and through the side portion and having their upper ends threaded for engagement with threaded nuts 8. From this construction it will be apparent that by removing the nuts 8, the rods 7 may be withdrawn, thus permitting the upper and lower portions 4 and 5 to be detached from the side portions 6. Hinged to one of the side portions 6 is a door 9 provided with a suitable catch 10 adapted to hold the door in its closed position. Each of the side portions is provided with a vertical groove 11, as plainly shown in Figs. 1 and 3, for a purpose hereinafter described.

Hinged respectively to the upper and lower edges of the front member 1 are the top and bottom portions 23 and 24 of the case and these portions at the edges opposite the hinge are provided with studs 14 engaging within the recesses 11, whereby the movement of the top and bottom portions will be guided when the case is being folded up or opened. As clearly indicated in Fig. 1, the pintles 15 of the hinges between the front member 1 and the top and bottom portions may be removed if it is desired to take the case apart.

The side walls 16 of the case, which are also preferably formed of glass and provided with a metal frame, are pivotally mounted between the upper and lower portions 4, 5 of the frame of the rear member, and in their open or extended position they engage against stops 17 carried by the front member, thereby limiting their outward movement.

A shelf 18 is shown pivotally mounted between the side portions 6 of the rear frame and, when the case is in its open position, the front edge of the shelf rests upon suitable supports 19, which, in the embodiment shown, are carried by the side walls 16 of the case. If it is desired to use the case without the shelf, means are provided for removing the latter, which means, as shown, consist in mounting one of the pivots 20 so that it can be withdrawn from the opening in the side portion of the frame of the rear member. This construction is clearly shown in Fig. 3, in which the movable pivot 20 is provided with an outwardly extending projection 21, by means of which the pivot may be retracted against the tension of a spring 22, which is mounted within the frame of the shelf and which abuts against a portion of the frame and the inner end of the pivot, as clearly shown in the figure. From this it will be understood that if it is desired to remove the shelf, the projection 21 is moved to retract the pivot 20, after which the shelf may be readily removed. Owing to the fact that the spring 22 normally forces the pivot 20 to its outermost position, there will be no danger of the shelf being accidentally removed.

The operation of the device, which should be largely obvious from the above description, is as follows: Assuming it to be in its open or operative position as shown in Fig.

1, if it is desired to fold the case, it is merely necessary to open the door 9, swing the shelf 18 about upon its pivots until it hangs downwardly, as indicated in Fig. 2, after which the side walls 16 are folded inwardly, as shown in Fig. 2. The inner edges of the top 23 and bottom 24 are then pressed downwardly and upwardly respectively, the movement of these parts being guided by means of the stubs 14 sliding in the grooves or guides 11, and when these portions have reached the limit of their travel, they will assume the position indicated in Fig. 2 of the drawings, and the front member 1 will have assumed the position shown in said figure. The door is then closed and locked and the case is in condition for handling or transportation.

If it is desired to take the case apart, the rear frame is taken apart as hereinbefore described, the pintles 15 may be removed, thus separating the front member from the top 23 and the bottom 24, and the latter portions, owing to the fact that the upper and lower portions of the rear frame have been removed, may be detached from the grooves in the side portions 6 of the rear frame. The taking apart of the rear frame will also free the side walls 16 and the shelf 18, which members are pivotally supported in the portions of the rear frame.

From the above description it will be understood that a case is provided which may be readily set up for use or folded for transportation and which, if desired, may be quickly and easily taken apart.

Having described this invention in connection with the illustrative embodiment thereof to the details of which disclosure the invention is not, of course, to be limited, what is claimed as new and what is desired to be secured by Letters Patent is set forth in the appended claims.

1. In a folding display case, in combination, front and back members, side walls pivotally supported by one of said members, one of said members being provided with grooves, and top and bottom portions hinged to the other of said members and being provided with portions engaging in said grooves.

2. In a folding display case, in combination, front and back members, one of said members being provided with a knock-down frame comprising upper, lower and side portions, side walls pivotally mounted between the upper and lower portions of said frame, the side portions of said frame being provided with grooves, and top and bottom portions hinged to said front member and being provided with means engaging the grooves in the side members of said frame.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MORRIS LUBART.

Witnesses:
WM. P. JONES,
JOHN C. SANDERS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."