

J. D. BURGER.

COMBINED SHIPPING PACKAGE AND DISPLAY RACK FOR SMOKING PIPES.

APPLICATION FILED JUNE 7, 1920.

1,436,337.

Patented Nov. 21, 1922.

2 SHEETS—SHEET 1.

Fig. 1

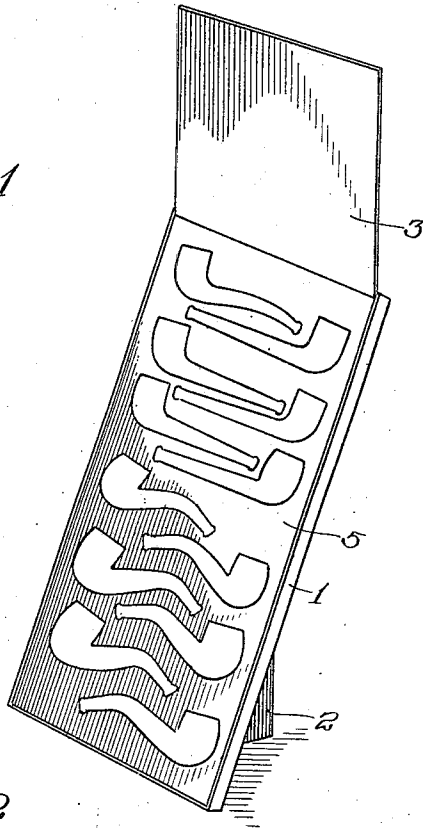
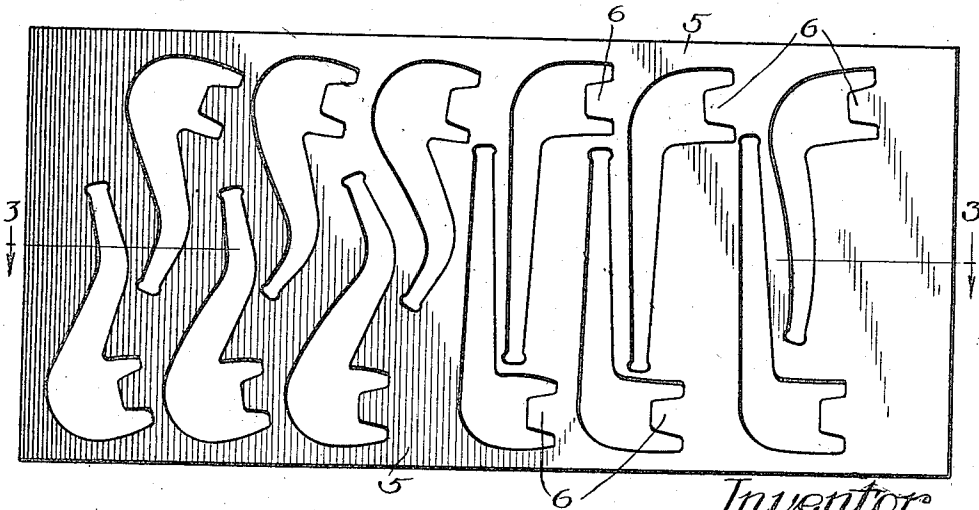


Fig. 2



Inventor  
Jacob D. Burger  
BY Arthur H. Durand  
Att'y

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Fig. 3

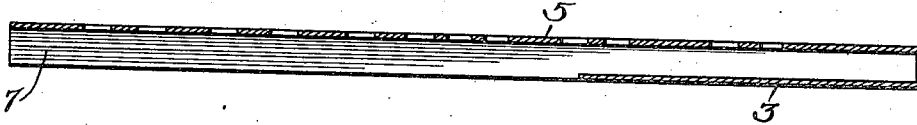


Fig. 4

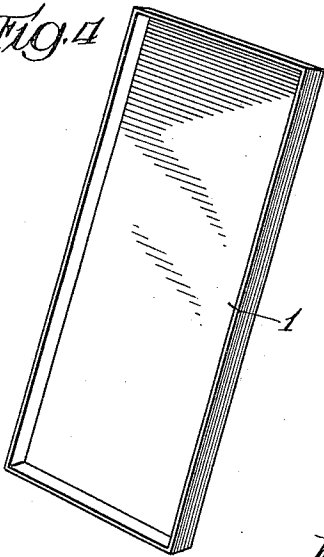


Fig. 5

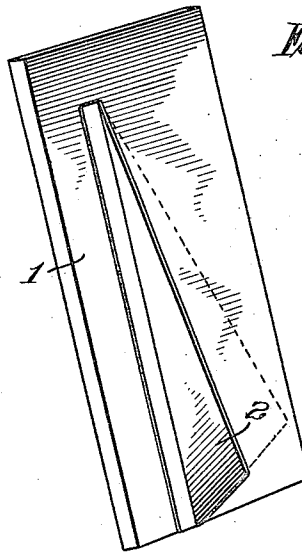


Fig. 6

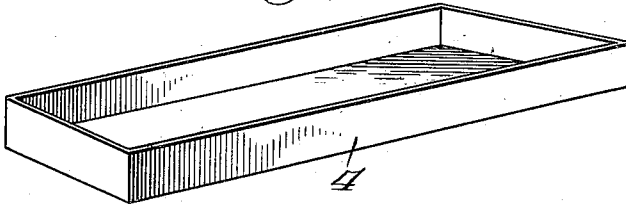
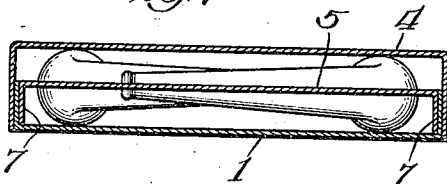


Fig. 7



Inventor  
Jacob D. Burger  
By Arthur F. Durand  
Att'y's

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# UNITED STATES PATENT OFFICE.

JACOB D. BURGER, OF NEW YORK, N. Y., ASSIGNOR TO REISS-PREMIER PIPE COMPANY,  
OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

## COMBINED SHIPPING PACKAGE AND DISPLAY RACK FOR SMOKING PIPES.

Application filed June 7, 1920. Serial No. 387,187.

*To all whom it may concern:*

Be it known that I, JACOB D. BURGER, a citizen of the United States of America, and a resident of New York, N. Y., have invented a certain new and useful Improvement in Combined Shipping Packages and Display Racks for Smoking Pipes, of which the following is a specification.

This invention relates to the shipping of smoking pipes, and to the means for displaying the pipes in stores, and more particularly to a form of package which not only serves for the shipment of the pipes, but also as the means, after it is opened, of displaying the pipes for sale in the stores, so that the smoking pipes do not need to be removed from the package until they are sold, and whereby, should such be necessary or desirable, other pipes can be placed in the rack to take the places of those which have been sold.

Generally stated, the object of the invention is to provide a novel and improved construction whereby a combined package and display rack of this general character may be manufactured at less expense than heretofore, and in a manner which will reduce the weight thereof but at the same time insure sufficient strength to make the structure suitable for both shipping the pipes and displaying them after they are received in the stores where they are to be sold.

To these and other useful ends the invention consists in matters hereinafter set forth and claimed, and shown in the accompanying drawings, in which—

Fig. 1 is a perspective of a display rack embodying the principles of the invention, showing the pipes in place thereon, the box cover which forms a part of the package being shown removed.

Fig. 2 is a plan of the tray which forms a part of the package, showing the appearance of the said tray before the pipes are placed therein.

Fig. 3 is a longitudinal section on line 3—3 in Fig. 2.

Fig. 4 is a perspective of the box body which forms a part of the package, showing the front side thereof.

Fig. 5 is a similar view showing the rear side of the box body.

Fig. 6 is a perspective of the box cover or top which is placed over the front of the package to cover the pipes.

Fig. 7 is a transverse section of the box-like package when in condition for shipment.

As thus illustrated, the invention comprises a flat rectangular box body 1, which is rather shallow and which is provided at the back thereof with a flap 2 to support the box body in inclined position on the counter of a store, or in a shop window, when the pipes are placed on display. The upper end of the structure is provided with a rectangular flap 3 which remains within the box while the pipes are being shipped, but which is unfolded and caused to assume an upright position when the pipes are placed on display, this flap having printed matter or pictures or any other desired matter thereon. The cover 4 of the box is flat and rectangular and shallow, but of greater depth than the box body, as will hereinafter more fully appear.

The third element of the paste-board box construction thus employed consists of a flat rectangular tray 5 which fits snugly within the box body 1, as shown in Fig. 7, and as indicated in Fig. 1, the top wall of the tray being flush with the upper edges of the box body when the parts are thus assembled together. This tray, it will be seen, is like the box cover, only smaller, being formed at its back or under side with flanges around the edges thereof, which flanges engage the bottom of the box body to support the top wall of the tray a distance above said bottom. Preferably, also, the said flap 3 is flexibly connected to the upper edge of said tray, as by cutting grooves or scoring the paste-board or other sheet material from which the structure is made, so that this flap can lie flatwise in the box and then be unfolded and used in the manner indicated, advertising matter being printed thereon or otherwise affixed thereto.

The said top wall of the tray 5 is provided with a plurality of openings, as shown in Fig. 2, shaped in a way to receive the pipes, each opening having the bowl portion thereof provided with a tongue 6 for insertion in the bowl of the pipe, whereby the pipes are held in place in the manner shown in Fig. 1, both for purposes of shipment and also when the pipes are placed on display. Thus the stem portion of one opening of each pair extends under the stem portion of the other opening of the same

pair, and the pipes are all right side up when in display position.

In use, the pipes are assembled in the tray 5, in the manner explained, after the tray is placed in the box body 1, so that all of the pipes rest upon the bottom of the box body, as shown in Fig. 7, and the cover 4 is then placed in position and pressed downward until the top wall thereof rests upon the pipes. Thus the total depth of the flat box-like shipping package is just sufficient to accommodate the pipes, and the top wall of the tray 5 is preferably about midway between the top wall of the cover and the bottom wall of the box body, when the parts of the package are assembled, and the pipes are in place. This makes a very light and at the same time strong package for the shipment of the pipes, the latter being held against rattling around in the package during transportation. In other words, the pipes are firmly clamped between the top and bottom walls of the structure, as the sides of the box body stop short of the top wall of the cover, so that the pipes are prevented from bouncing up and down in the package during shipment thereof.

When received, the proprietor of the store then unwraps the package and takes off the cover 4, and pulls out the flap 3, the latter being flexibly connected to the box body, and being adapted to rest either under or upon the pipes, as may be found most convenient, so that it is easily unfolded and caused to stand in an upright position. Then the flap 2 is swung outward, so that it will serve like the leg of an easel, thereby to support the box body and the tray in an upright and more or less inclined position on the counter, or in the window of the store or other place where it is desired to place the pipes on display.

It will be seen, therefore, that the combined shipping package and display rack for the pipes is of a very light and at the same time strong construction and is of such character that it may be economically manufactured, the whole thing being something that may easily be manufactured by an ordinary box maker. The structure can be made of any suitable material such as paste-board or fiber board or any other sheet material, or anything which will best serve the purpose or which will give the desired results so far as strength and lightness are concerned, and which will insure a good appearance when the pipes are placed on display. Each pipe is easily removed by pulling it outward from its opening in the tray, the tongues 6 permitting this to be done. The tray 5 can be made from a blank cut in the desired shape to form the side flange 7 and the said flap 3, as shown. Of course, the tray when empty can be filled again with other pipes, if this is desired.

The box is supported in a sufficiently inclined position, by the part 2, when on display, to keep the pipes from falling out.

The invention, of course, so far as it may be applicable to a single pipe, is not limited to use in connection with a plurality of pipes, inasmuch as in its broader aspect the invention may be used for one or more pipes without departing from the spirit or intent of the invention.

What I claim as my invention is:—

1. In a combined shipping package and display rack for one or more smoking pipes, the combination of a flat rectangular box body having a flat bottom wall, a tray adapted to fit within the box body, and a flat cover for the box body, to both conceal and clamp the pipes in place during shipment of the package, the top wall of said tray having one or more openings therein for the pipes, so that each pipe rests directly upon said bottom wall, and the flat top wall of said cover resting directly upon the pipes, thereby to hold the pipes firmly in place in said tray, the proportions being such that the pipes when in place form the only means to limit the closing movement of the cover.

2. A structure as specified in claim 1, said tray being removable, and having its edges provided with flanges at the back of the tray, which flanges support the tray upon the bottom of the box body, the top wall of the tray being substantially flush with the top edges of the box body, whereby the box cover may rest on said tray when the pipes are not in place and is necessarily deeper than the box body in order to extend below said top wall when the pipes are in the tray.

3. A structure as specified in claim 1, said box body having folding means on the bottom thereof to support the box body and tray in an inclined position when the pipes are placed on display.

4. A structure as specified in claim 1, in combination with a flap for the top of the tray, which flap rests on the bottom of the box and is adapted to be unfolded and placed in an upright position, and the surface of which flap is adapted to have pictures or printed matter thereon.

5. A structure as specified in claim 1, each opening of the tray being formed with a tongue to enter the bowl of the pipe, so that the pipes are all removably held or retained in said openings, but leaving the entire outer surface of each pipe exposed to view when said cover is removed.

6. A structure as specified in claim 1, the top wall of said tray being disposed substantially midway between the bottom of the box body and the top of the box cover, but leaving the entire outer surface of each pipe exposed to view when said cover is removed.

7. The improved box construction forming a shipping package and display rack for one or more smoking pipes, having upper and lower walls forming means to clamp the pipes and keep them from bouncing up and down during shipment, the pipes when in place forming the only means to limit the movement of said walls toward each other, substantially as shown and described.
8. In a combined shipping package and display rack for smoking pipes, adapted for keeping the pipes from bouncing around during shipment, the combination of a shallow rectangular box body, a tray in said body, said tray having openings disposed in pairs for the pipes, with the stem portion of one opening of each pair below the stem portion of the other opening of the same pair, so that the bowl portion of said openings are all right side up at the opposite side edges of the tray, and whereby the pipes are all right side up when the tray and box body are upright in display position, together with a cover for the box body, and means to support the tray and box body in said display position, the pipes when in place forming the only means for limiting the closing movement of the cover.
9. A structure as specified in claim 8, having a downwardly extending tongue for each and every bowl opening of the tray, substantially as shown and described.

JACOB D. BURGER.