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J. DAVIS

2,212,340

TOILET BOX

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Fig. 1

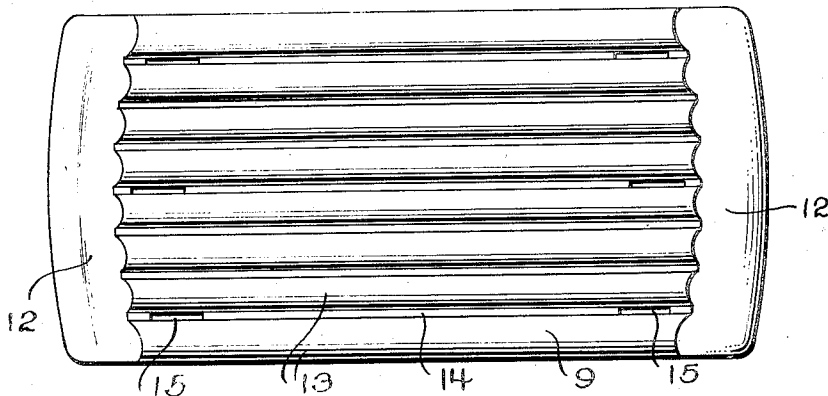


Fig. 2

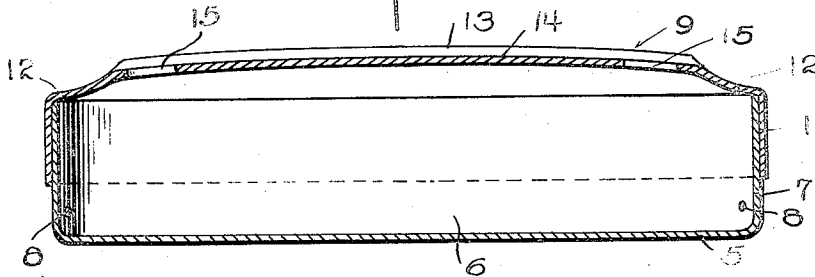
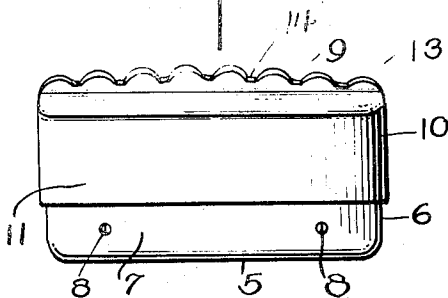


Fig. 3



Inventor
Joseph Davis
By *Elmer Stuart*
Attorney

UNITED STATES PATENT OFFICE

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TOILET BOX

Joseph Davis, Arlington, N. J.

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2 Claims. (Cl. 220-72)

The following specification relates to novel and useful improvements in covered toilet boxes. These boxes are small lightweight articles generally molded in one piece of plastic material. Such boxes are made in varying forms and shapes to contain toilet articles such as brushes, manicuring tools, cosmetic packages and tubes, soap and the like. Very frequently the articles or material left in the boxes are damp. The conditions of temperature and handling of such boxes is such that some means must be provided to maintain the contents in good condition, inodorous and ventilated. At the same time it is quite desirable that the impression be given of a tightly closed box.

A purpose of my invention is to provide for a covered toilet box which is suitably vented to insure ease in applying and removing the cover.

A further object of the invention is to keep the interior well ventilated, in good condition and free from the prospect of developing a bad odor.

Incidental to my invention it is intended to provide venting in such manner as to be inconspicuous, not subject to clogging or to be obstructed by the person's hand in applying the cover. The invention also provides for the distribution of the venting facilities at both ends of the cover and for the support solely at the ends while the intermediate portion is given a reinforcing shape.

As illustrating the preferred form which my invention may take, I have illustrated such a box in the attached drawing in which

Fig. 1 is a plan view of the covered box;

Fig. 2 is a vertical longitudinal section thereof, and

Fig. 3 is an end elevation.

A box constructed according to my invention must be of pleasing appearance, of strong construction and easy to handle. Such a one consists of the box 5 having perpendicular sides 6 and 7. This box is made of a thin sheet of plastic material forming a one-piece article suitably resistant to the materials which are to be contained and the handling to which it is subjected.

The sides 6 and ends 7 are perpendicular with respect to the bottom. Each end 7 carries two or more inconspicuous vent openings 8 as shown in Figs. 2 and 3. These openings are beneath the lowermost point reached by the sliding cover so that the openings are open at all times.

The top edges of the sides 6 and ends 7 are in a common plane parallel to the bottom.

The cover 9 is also made of a thin sheet of

plastic material forming a one-piece article. The cover has close fitting sides 10 and ends 11. These have a slipping or sliding contact with the sides and ends of the box proper. In its closed form the cover 9 is in the position shown in Fig. 2 and rests solely upon the upper edges of the ends 7.

The upper surface of the cover 9 has inwardly extending flat portions 12, 12 which rest upon the edges of the ends 7, 7 as indicated in Fig. 2. The entire remaining upper surface of the cover takes the form of upstanding projections. In the form illustrated these projections are a series of parallel ribs 13, 13. The outer ribs extend over the side wall 6 of the box and are raised up from the latter so that they do not rest upon the box. Intermediate each two adjacent ribs there is a longitudinal groove 14. The opposite ends of the groove 14 have vent openings 15, 15. It will be unnecessary to provide these openings in all of the grooves and it is sufficient if such openings appear between the outer pairs of ribs and in some central groove preferably between the central pair of ribs.

These openings 15 are in the form of extended slots and are located in the grooves 14 slightly spaced from the flat portions 12.

The covered box as above described and illustrated combines simplicity with pleasing appearance and improved effectiveness and strength. The cover slips or slides into position on the end edges of the box as shown in Fig. 2. The end ribs do not rest upon the edges of the side 6 and, therefore, reduces the prospect of improper setting due to obstruction by material that may have been carelessly placed within the box.

The longitudinal ribs form a strengthening means for the cover maintaining it in the proper plane between the opposite ends. The upstanding ribs serve the purpose both of concealing the presence of the slots 15 and at the same time prevent the person's hand from covering up the slots and preventing the free passage of air therethrough.

Numerous other advantages will be evident from the above and the invention is to be considered as limited only by the scope of the following claims.

What I claim is:

1. A box having perpendicular sides and ends, a cover of plastic sheet material having a peripheral downturned flange slidably fitting over the sides and ends of the box, a flat portion at each end of the cover adapted to rest upon the ends of the box, and a series of upstanding parallel ribs extending from the flat portion of one end

to the flat portion of the other end and having the outer ribs merging with the sides of the cover.

- 5 2. A box having perpendicular sides and ends, a cover of plastic sheet material having a peripheral downturned flange slidably fitting over the sides and ends of the box, a flat portion at each end of the cover adapted to rest on the ends of

the box, a series of upstanding parallel ribs with grooves therebetween extending from the flat portion of one end to the flat portion of the other end and having the outer ribs merging with the sides of the cover and vent slots in the grooves 5 between adjacent ribs.

JOSEPH DAVIS.