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A. R. OLSEN

RECEPTACLE FOR TOILET PAPER

Filed April 17, 1926

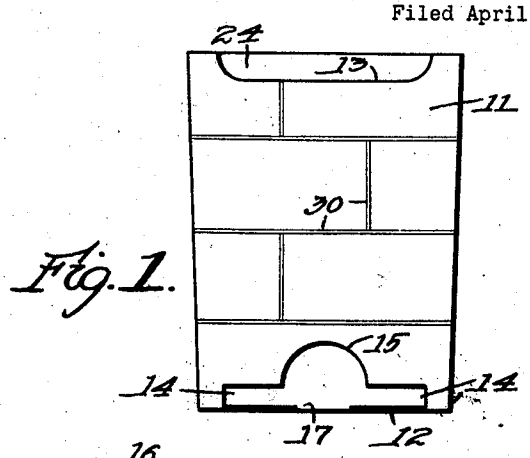


Fig. 1.

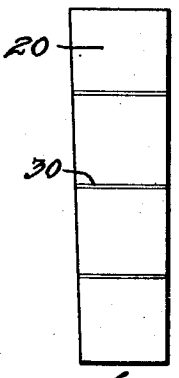


Fig. 2.

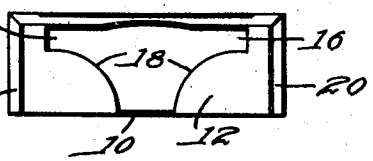


Fig. 3.

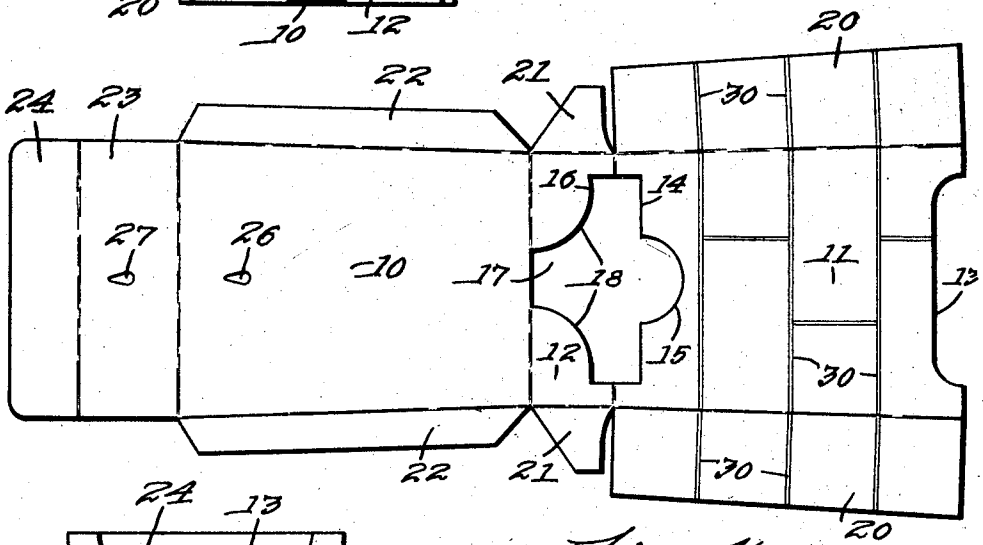


Fig. 4.

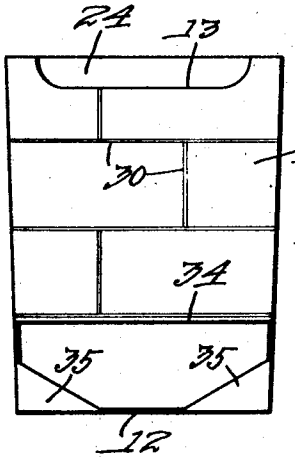


Fig. 5.

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UNITED STATES PATENT OFFICE.

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RECEPTACLE FOR TOILET PAPER.

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This invention relates to a receptacle or container for a bunch of toilet paper, paper towels, and the like, composed of a large number of flat sheets.

The principal objects of the invention are to provide a temporary container of this kind which is intended to be used only once or at least a small number of times and to form it of card-board or other thin stock so that it can be made very inexpensively.

Other objects and advantages of the invention are to provide a construction which can be formed from a single sheet of card-board so that all the parts may be held together without danger of loss and to so arrange it that it may be fixed up for use in a very simple manner; also to provide a construction in which the ends of the sheets at the bottom of the receptacle can be reached both from the front and the bottom without danger of their dropping down through the bottom accidentally.

The invention also involves the construction of a paper receptacle for this purpose with printing on it to make it match with the tiling or other wall of the room in which it is placed or at least to harmonize therewith.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings in which:

Fig. 1 is a front view of a toilet paper receptacle constructed in accordance with this invention;

Fig. 2 is an edge view of the same;

Fig. 3 is a bottom plan view;

Fig. 4 is a view of the complete blank from which the receptacle is formed; and

Fig. 5 is a view similar to Fig. 1 of a modified form.

Referring first to the first four figures, I have shown the receptacle or container as formed from a single sheet of card-board having various parts connected by folding creases as is well understood in this art. These parts comprise a back 10 and a front 11 connected by a bottom 12. The back is of nearly rectangular shape, being a little wider at the top than at the bottom so that the bunch of sheets can be inserted from the top and will wedge themselves in at the bottom as will appear. The front 11 also is of the same shape and size but is provided with a notch 13 extending part way across the top, a rectangular notch 14 at the bottom, extending nearly the length of the bottom and only a short distance up and a semi-circular opening 15 centrally located with respect to the notch 14 so as to communicate with it directly above it. The front wall extends all the way down to the bottom at the ends of the notch 14.

The bottom is also formed in a similar way, having a rectangular notch 16 registering with, and in the blank constituting, a continuation of the notch 14. It also has a central opening 17 opposite the notch 15 and connected with the edge of the notch 16 by a wide curve 18 on each side. The purposes of these parts will appear hereinafter.

The front 11 is provided with two side flaps 20. These are a little wider at the top than at the bottom, but nearly rectangular, and extend the whole length of the front 11. The bottom 12 is provided with two substantially triangular flaps 21. The back 10 is provided with two side flaps 22 and with a top flap 23 and a holding flap 24 at the end of it.

These parts are assembled by placing the bottom 12 on a level surface swinging in the flaps 22 and 21 to a position at right angles to their adjacent surfaces and also swinging in the flaps 20 outside the flaps 22. A line of paste is applied to the exterior of the two flaps 22 and the parts are held in position, preferably by that alone, although of course the flaps 21 can be pasted inside to both the flaps 20 and 22 if desired. It therefore leaves the bottom horizontal and the front, rear and side flaps vertical. The container is of such size that an ordinary bunch of toilet paper inserted from the top will slide down to the bottom against which it will rest but it will be held frictionally at the edges near the bottom by the side walls which are contracted as shown.

For the purpose of hanging it up, the blank is provided with two perforations 26 and 27, one in the back 10 and the other in the top 23. It will be seen that these perforations are of pear shape with the small end up so that the whole thing can be hung by putting it over the head of the tack or nail so that the latter will come through the perforation 27 or 26. Furthermore, the flap

23 can be bent backwardly and the two holes will register so as to form a double strength at the point of suspension, but in order to use it is intended that the flaps 23 and 24 be turned down and the flap 24 will come in behind the edges of the notch 13 where it will be held firmly in position. This notch is provided for convenience in getting at this flap 24 when closed so as to open the device and similarly for taking out the papers if they get tangled or it is desired for any reason to remove them.

An important feature of the invention consists in the arrangement of the notches or openings 14, 16, 15 and 17. These are so arranged that when the paper is in the box, the front sheet is exposed all the way along the notch 14 and the center thereof is exposed by the opening 15. This in itself is sufficient to permit of the extraction of one or more sheets of paper as desired. However, I add to the efficiency of the device for this purpose by the notches or openings in the bottom of the receptacle. In this case the thumb can be inserted through the opening 17 and the paper grasped on both sides so that it can be drawn out directly down or toward the front as desired. It will be noted that the bottom is continuous along its opposite end edges which is sufficient to support the whole bunch of paper in the box. The contraction of the width of the box at the bottom, as explained above, further assists in holding it and yet the papers are exposed at the bottom so that there is no difficulty about grasping them and pulling them out.

Another feature of the invention consists in the fact that the front surfaces 11 and 20 can be printed with the representation of stone, bricks, tiles, or the like, as indicated at 30 to give a neat appearance to the device and making it harmonize with the wall on which it is placed.

In the form shown in Fig. 5, the same principles are involved and I will not describe the details except to say that the front wall is provided with a rectangular slot 34 all the way across it which is cut off by two triangular portions 35 at the bottom so that the slot instead of having a horizontal bottom in one line is opened up as indicated. The bottom is provided with a slot 37 centrally located and connected with the ends of said triangles 35. This furnishes similar results to those described in connection with the first four figures, but the bottom of the device entirely lacks the slot 16 or anything corresponding with it. However, it furnishes a good support for the papers and a notch for grasping them by the thumb as described in connection with the other arrangements.

Although I have illustrated and described only two forms of the invention, and described special uses for it, I am aware of the fact that other modifications can be made therein by any person skilled in the art and that it can be used for other purposes without departing from the scope of the invention as expressed in the claims.

Therefore, I do not wish to be limited to all the details of construction herein shown and described, but what I do claim is:—

1. As an article of manufacture, a box or receptacle for toilet paper, paper towels and the like, formed of a single piece of card-board or the like comprising a back, front and two sides which converge toward the bottom so that the pile of horizontal sheets put in from the top will wedge in at the bottom and be held back by friction against the side walls at the bottom and a bottom having an opening extending from the front toward the rear, for the purpose described.

2. As an article of manufacture, a box or receptacle for toilet paper, paper towels and the like, formed of card-board or the like comprising a back, front and two sides, all of which converge toward the bottom and a bottom integral with the front and back and having an opening extending from the front toward the rear at the center, the front wall having a central opening at the bottom registering with the opening in the bottom of the receptacle.

3. As an article of manufacture, a box or receptacle for toilet paper, paper towels and the like, formed of card-board or the like comprising a back, front and two sides and a bottom integral with the front and back and having an opening extending from the front toward the rear at the center, the front wall having a central opening at the bottom registering with the opening in the bottom, and both the front and bottom walls having transverse horizontal notches extending from their adjacent edges outwardly and registering with said openings and with each other.

In testimony whereof I have hereunto affixed my signature.

ARNE R. OLSEN.