(No Model.)

C. H. DANA.

BOX FOR TOILET PAPER.

No. 374,586. Patented Dec. 13, 1887.

Fig 1

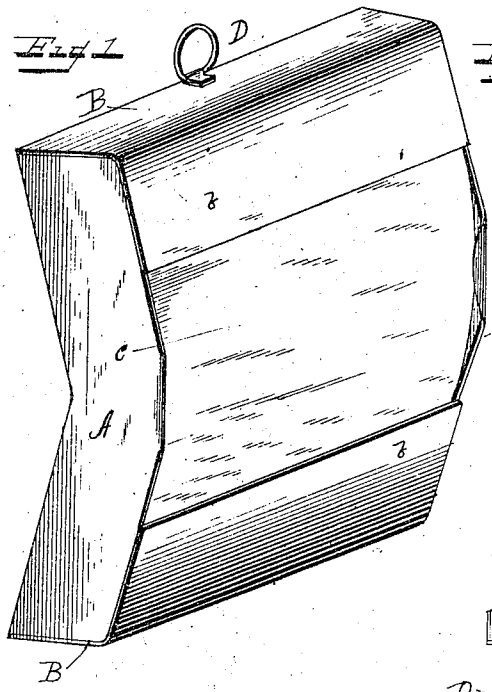


Fig 2

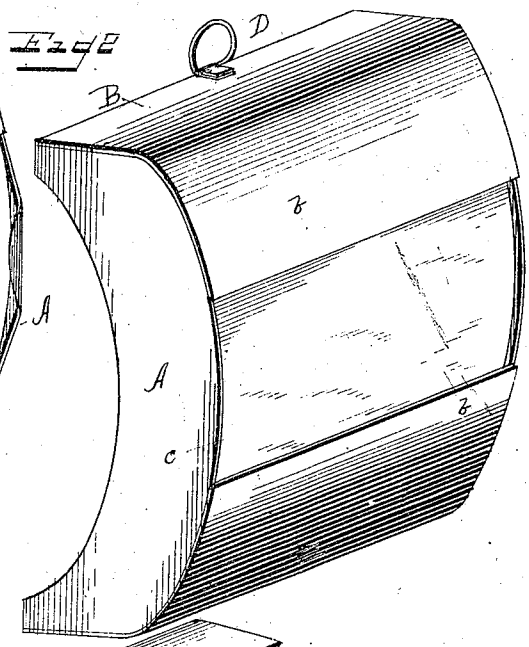
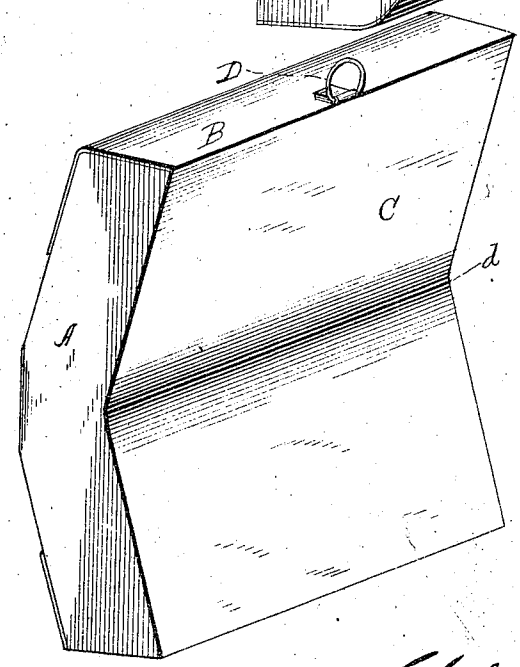


Fig 3



Witnesses

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BOX FOR TOILET-PAPER.

SPECIFICATION forming part of Letters Patent No. 374,586, dated December 13, 1887.

Application filed May 28, 1887. Serial No. 239,093. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. DANA, a citizen of the United States, residing at West Lebanon, in the county of Grafton and State of New Hampshire, have invented certain new and useful Improvements in a Box for Toilet-Paper; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a simple box for water-closet paper, one in which the paper is easily inserted and held and from which one sheet at a time can be taken without drawing others with it.

My invention consists of details of construction, described below, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a like view of a modification. Fig. 3 is a perspective view of the back of the box shown in Fig. 1.

Like letters refer to like parts.

The boxes may be made of tin or any proper material, and may be decorated as desired. They should be of a length and width to correspond with the paper commonly used; but if the paper is somewhat smaller than the boxes it will be sufficiently confined. A box from one and one-half to two inches in thickness will hold a supply of paper lasting a considerable time, and this thickness will fully accommodate the packets of paper sold at the drug-stores, &c., already cut up; but of course the dimensions may be varied to suit individual wishes.

A A are the sides of the box, which may be of a thickness substantially indicated above, and B B are the ends. The latter are brought over on the top of the sides some two inches to form guards *b b* for holding the paper securely in the box. Between the ends of the guards there is a clear opening, *c*, of some three and one half inches; but this may be varied as desired. C represents the back of the box. In Figs. 1 and 3 it inclines inward from the top and bottom to a central transverse depressed line, *d*, and in Fig. 2 it is arc shaped. I prefer the form of back in Figs. 1 and 3, and the object is to cause the paper to spring or press out against the guards and into the opening both when it is inserted and as it is gradually withdrawn for use, which would not be the case if the back was straight. To the top of the upper end a ring, D, may be attached for hanging up the box, which, however, is equally convenient lying on its back.

The paper is inserted in the box by putting in one end of the package, bunching up the middle and allowing the other end to spring into place, after which the paper can easily be smoothed out or equalized by tapping on the outer sheet. The opening affording no resistance to the convexity of the paper, each sheet will separate from the other or exert an outward spring, and when one sheet is grasped by the fingers it will not draw another with it.

It will be seen that the box is efficient for the purpose intended and requires no internal mechanism.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A box for toilet-paper, provided with sides and upper and lower front guards, an opening between said guards, and a back projecting inwardly, substantially as shown, adapted to cause the paper to spring outward convexly against the guards and into the opening, as set forth.

2. A box for toilet-paper, composed of the sides A A, the upper and lower ends and guards B *b*, having an opening between them, and the back C, inclined inward from the top and bottom to a central depressed transverse line, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES H. DANA.

Witnesses:
J. L. BACON,
F. G. CARFER.