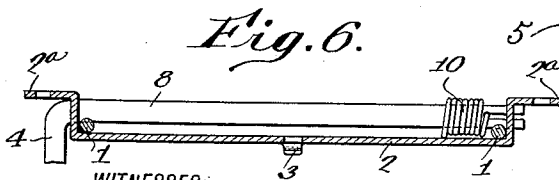
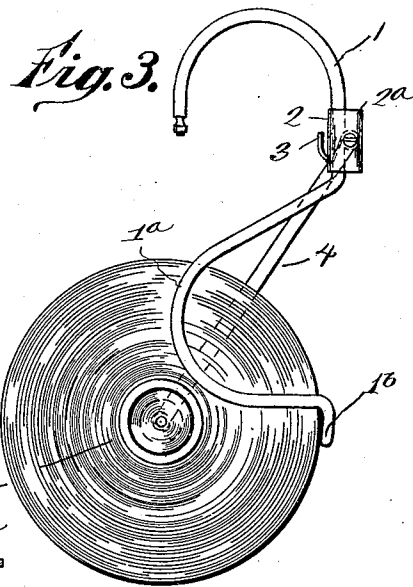
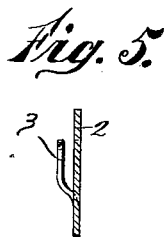
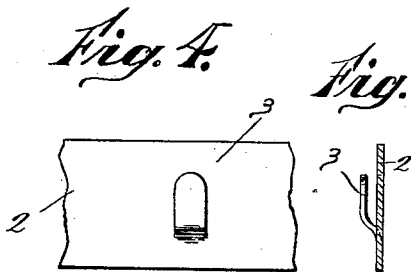
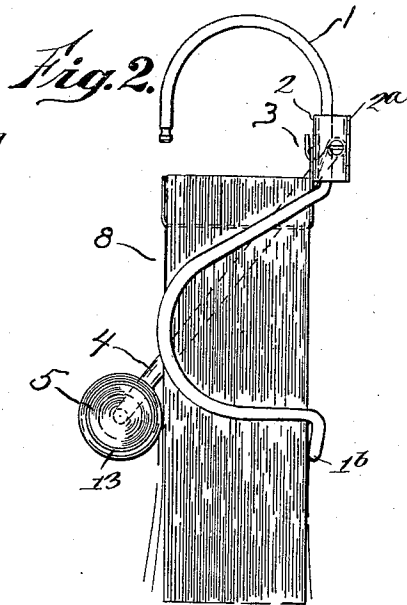
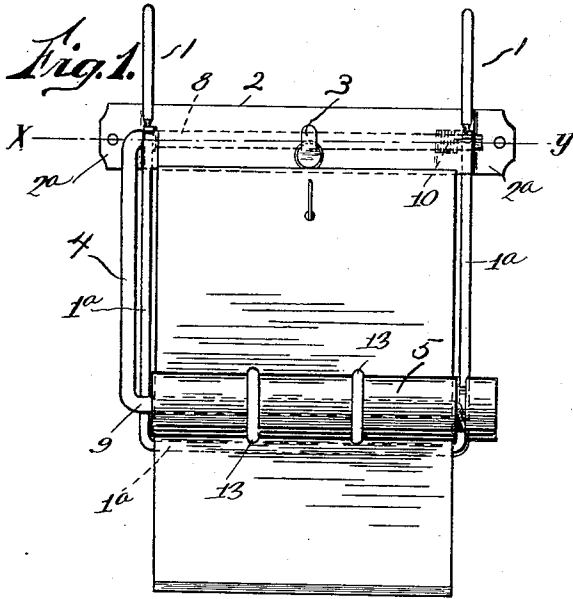


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TOILET PAPER HOLDER.

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1,065,205.

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UNITED STATES PATENT OFFICE.

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TOILET-PAPER HOLDER.

1,065,205.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, SAMUEL J. BENS and ALBERT B. HUBBARD, citizens of the United States, residing, respectively, at Berkeley and Fruitvale, county of Alameda, State of California, have invented certain new and useful Improvements in Toilet-Paper Holders, of which the following is a specification.

Our invention relates to toilet-paper holders of that class in which the parts of the holder are adapted to receive, hold and deliver either flat paper packages or the round roll, thus adapting a single holder to the two forms of toilet-paper on the market.

The object of our present invention is to simplify this construction and to improve the appearance and effectiveness thereof.

The invention aforesaid is illustrated in the accompanying drawings, in which—

Figure 1 shows a front elevation; Fig. 2 a side elevation, with a package; Fig. 3 a side elevation with a roll; Figs. 4 and 5 front and cross section of part of the cross bar with the hook; Fig. 6 shows a cross section on line *x—y* of Fig. 1.

The body of this holder is a light frame. This frame may be constructed in various ways, but in the particular construction which we have chosen to illustrate our invention it is formed of two parts, one of which is a cross piece marked 2, which consists of a flat bar of sheet metal, the ends of which are bent twice at right angles to form an off set, as shown in the section of Fig. 6. The projecting ends 2^a are in plane parallel with the bar and fitted to lie against the wall and to be secured thereto by screws inserted through holes. On the face of the bar and centrally located, is a suspending device or hook 3, formed by part of the plate punched out from the rear, and off set to the front sufficiently to receive the loop of an ordinary toilet-paper package. The other part of the frame consists of a single piece of wire marked 1 at its upper end bent as shown in Figs. 2 and 3, the vertical parts of the said wire above the forward bends being fixed in rear of the front corners of the bent back portions of the cross bar 2, as shown in Figs. 2 and 3. The side bars of this wire part of the frame are bowed forward as shown clearly in Fig. 2, the bows 1^a forming the side guards of the holder whereby the ends of the package or roll are held securely in place against side displacement. The lower

part of this wire frame is bent back on each side in substantially horizontal position and then bent downward and later merging into the cross bar 1^b, which forms a back against which either the package or the roll rests, as shown in Figs. 2 and 3. These parts, as above described, constitute the fixed part of the holder.

The movable part we call a movable frame which carries the roller adapted to bear on the flat package of paper or to carry a roll, as in our patent of June 7, 1910. This frame which is of $\square$ shape is formed by bending a stout piece of wire twice at right angles to form a vertical swinging arm 4 and two parallel rods or arms 8 and 9. Of these two rods the upper or pivoting rod 8 has its bearings in holes formed in the bent parts at each end of the cross bar 2. It turns freely in the bearing, being restrained only by a spring 10 which tends to hold the roller on the lower rod 9 against the lower cross part of the fixed frame.

The lower part 9 of this movable frame carries a roller 5 adapted to bear on the front of the paper pack, and to press it against the cross bar, and has friction rings 13 preferably of rubber for gently contacting with the sheet of paper. The end of this roller is free and is of proper size to receive an ordinary roll of toilet paper being fitted to the axial cavity of such a roll.

As a matter of course, the spring causes the roll to bear against the fixed frame at its lower part and to give to the roll a proper frictional contact. The roller therefore is either a frictional pressure roller for the paper package or serves to carry a paper roll, which so carried, is caused to bear against the lower cross piece of the fixed frame.

We claim as our invention:—

1. A toilet paper holder comprising a U-shaped frame having its legs intermediate their ends bent up to form retaining walls, a cross piece connecting the legs together above the bent portions, a clip on said cross member for holding a package of paper, a swinging arm mounted on said cross member and extending beyond the bent portions of the legs, and a roller on said arm.

2. A toilet paper holder comprising a main frame having a device for suspending a package of paper from its upper end, and forwardly extending guard portions for re-

ceiving the paper package between them, a roller to bear on said package and a C shaped frame carrying said roller on its lower laterally extending arm and pivotally
5 mounted on the main frame by its upper laterally extending arm, substantially as described.

3. A toilet paper holder comprising a base having a device for suspending a paper pack from its upper end, and a C shaped
10 frame having its upper laterally extending

arm journaled on the base and its lower laterally extending arm carrying a roller to bear on the paper pack, substantially as described.

In testimony whereof, we affix our signatures in the presence of two witnesses.

SAMUEL J. BENS.

ALBERT B. HUBBARD.

Witnesses:

M. R. SEELY,

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