

April 3, 1928.

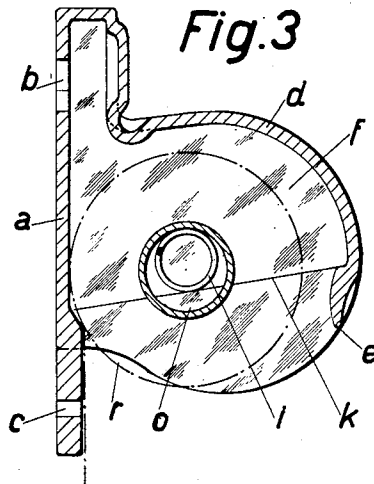
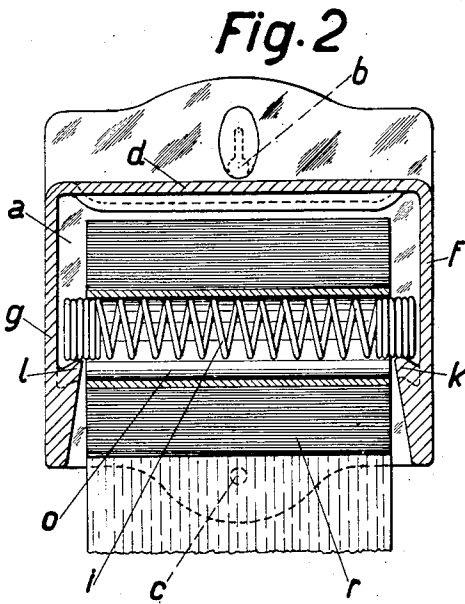
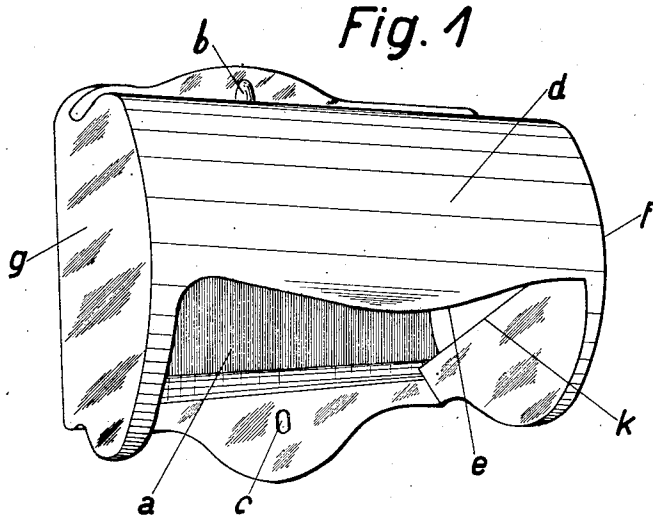
1,664,392

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INTEGRAL RECEIVER FOR SUSPENDING TOILET PAPER ROLLS

Filed Sept. 30, 1927

2 Sheets-Sheet 1



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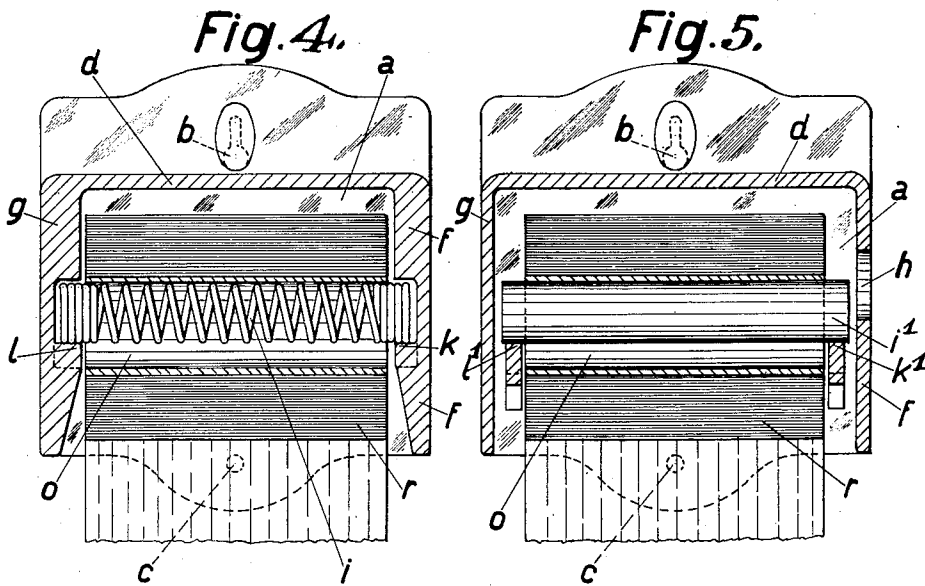
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INTEGRAL RECEIVER FOR SUSPENDING TOILET PAPER ROLLS

Filed Sept. 30, 1927

2 Sheets-Sheet 2



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Patented Apr. 3, 1928.

UNITED STATES PATENT OFFICE.

ALPHONS BARUCH, OF HAMBURG, GERMANY.

INTEGRAL RECEIVER FOR SUSPENDING TOILET-PAPER ROLLS.

Application filed September 30, 1927, Serial No. 223,081, and in Germany May 30, 1926.

This invention relates to an improved integral receiver of mouldable material, that is, a material liable to get deformed during the manufacture, such as porcelain, glass, glazed fireclay or the like, for suspending toilet paper rolls, and the novelty consists in so constructing said receiver that its side, top and front walls are closed and form a hood with one wide opening at its lower end, instead of the bottom, through which the toilet-paper roll can be inserted from below, while a preferably inclined bearing face is provided at each inner side of said hood and a removable paper roll supporting shaft is at its ends loosely mounted on said inclined faces to permit of the paper roll thereon bearing always with a slight braking pressure against the front wall of the receiver or the back wall which may be separate therefrom.

The accompanying drawing illustrates by way of example various constructional forms of the subject matter of the invention.

Fig. 1 is a perspective view of the improved receiver;

Figs. 2 and 3 are respectively a longitudinal vertical section and a cross-section through the receiver, showing the position of the toilet-paper roll with its loose supporting shaft therein;

Figs. 4 and 5 are similar sections to that in Fig. 2, showing each a further modification of the receiver.

The improved integral receiver essentially comprises a back wall *a*, which may be separate therefrom, with suspension holes *b*, *c* therein, a combined upper and front wall *d*, *e* with wide lower open end, and the side walls *f*, *g*.

The toilet-paper roll *r* is mounted on a loose supporting shaft *i*, which, as shown in Figs. 2 and 4, may consist of a coiled pressure spring adapted to be inserted together with the paper roll thereon from below through the wide lower open end of the receiver, at which the side walls preferably diverge in downward direction at their lower inside ends, whereby the coil spring is somewhat compressed during its introduction until it comes in engagement with the integral bearing faces *k*, *l* on the inner side walls of the receiver and is then again extended. Thereby the coil spring with the paper roll thereon is prevented from being removed until the paper roll is nearly completely unwound, that is used up.

The bearing faces *k*, *l* may be inclined to the horizontal plane on their whole length towards the back wall (Figs. 3 and 5) or the front wall (this being not illustrated) of the receiver whereby the paper roll is caused to bear always with a slight braking pressure against the back wall, or against the front wall as the case may be of the receiver.

The upper sides of the bearing faces *k*, *l* may either be open (Fig. 2) or closed (Fig. 4).

What I claim is:

1. A receiver for suspending toilet paper rolls from a supporting shaft, comprising a hood of mouldable material having integral closed side, top and front walls and one wide opening at its lower end, and a bearing face at each inner side of said hood for a reception of the paper roll supporting shaft thereon.

2. A receiver as specified in claim 1, in which the side walls diverge in downward direction at their lower inside ends.

3. A receiver as specified in claim 1, in which said bearing faces are inclined to the horizontal plane for causing the paper roll for the purpose of braking to bear against that wall of the receiver toward which said bearing faces are downwardly inclined.

4. A receiver as specified in claim 1, in which the upper sides of said bearing faces are closed.

5. A receiver for suspending toilet paper rolls, comprising a hood of mouldable material having integral closed side, top and front walls and one wide opening at its lower end, a bearing face at each inner side of said hood, a removable paper roll supporting shaft at its ends loosely mounted on said bearing faces, and means to prevent a removal of said shaft after its insertion in said hood with the paper roll thereon.

6. A receiver as specified in claim 5, in which the side walls diverge in downward direction at their lower inside ends.

7. A receiver as specified in claim 5, in which said bearing faces are inclined to the horizontal plane for causing the paper roll for the purpose of braking to bear against that wall of the receiver toward which said bearing faces are downwardly inclined.

8. A receiver as specified in claim 5, in which the upper sides of said bearing faces are closed.

9. A receiver as specified in claim 5, in

which the side walls diverge in downward direction at their lower inside ends and in which said supporting shaft consists of a coiled pressure spring inserted with the paper roll thereon from below through the wide opening at the lower end of said hood while gradually compressed by its ends contacting with the downwardly diverged side walls and again extended at its arrival upon said bearing faces. 10

In testimony whereof I have hereunto set my hand.

ALPHONS BARUCH.