June 27, 1933. F. ERIKSEN 1,915,522

PAPER TOWEL CABINET

Filed Dec. 1, 1931

Fig. 1

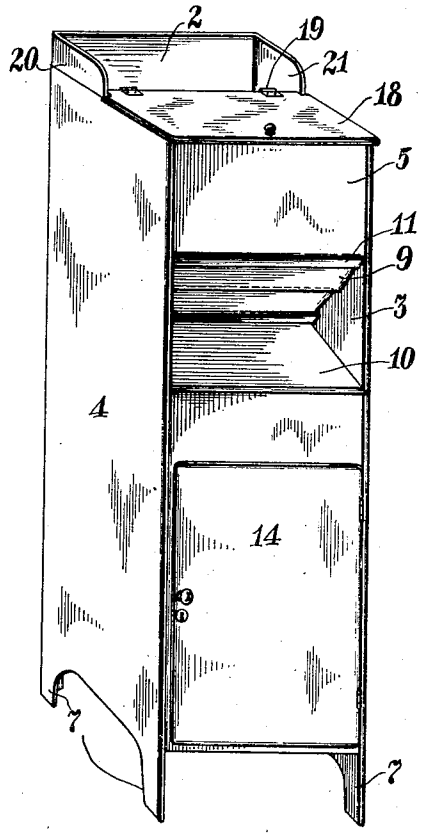


Fig. 2

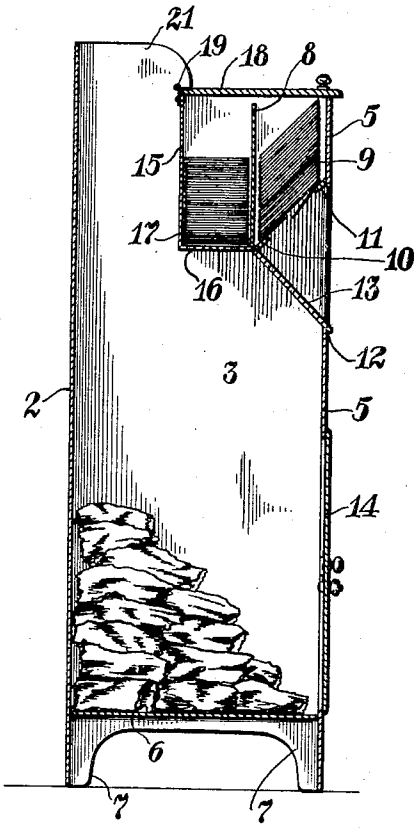


Fig. 3

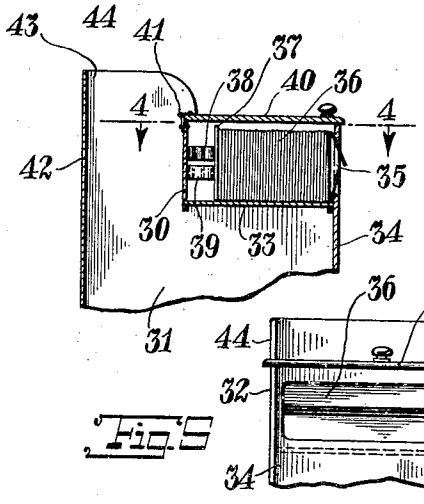


Fig. 4

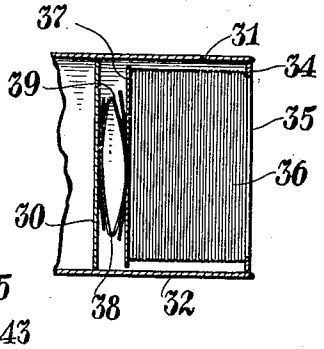


Fig. 5

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UNITED STATES PATENT OFFICE

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PAPER TOWEL CABINET

Application filed December 1, 1931. Serial No. 578,339.

This invention relates to a cabinet or a receptacle particularly adapted for storing and dispensing paper towels, and which will further provide a spacious means for the soiled towels being returned to another part of the cabinet and stored therein, instead of being thrown in a waste basket or other places not convenient for such purposes.

A further object of the invention is to provide improved means for receiving the soiled towels, so that merely dropping or throwing them at a certain part of the receptacle they will pass down into the receptacle and remain therein.

Another object of the invention is to provide improved means for receiving and dispensing the paper towels, that are furnished or serviced in convenient stacks or bundles, and folded in a special manner whereby the bottom or outermost towel in the stack presenting a flap, can be readily grasped and the towels withdrawn; and each succeeded towel will present itself with a convenient flap for its removal.

In the accompanying drawing showing embodiments of my invention:

Figure 1 is a perspective view of the cabinet.

Fig. 2 is a vertical section.

Figs. 3, 4 and 5 show a modification.

As shown in Figs. 1 and 2 I provide a cabinet or stand that will set on the floor and carry the towels in the upper part convenient to be reached by the user. The cabinet is shown provided with a rear wall 2, and side walls 3 and 4 that are practically continuous, and can be formed of any suitable thin sheet metal such as metal plates, or wood if preferred. I also provide a front wall denoted generally by 5, and a bottom wall 6. The side walls 3 and 4 are shown extended downwardly to form suitable legs 7, on each side.

At the upper portion of the cabinet I provide a compartment that is formed by a vertical wall 8, extending across between the side walls, and running downward a short distance, and at the lower part of this upright wall 8, a bottom member that practically extends across to the front wall 5, thus forming a compartment that can have a stack 9 of paper towels placed therein. As shown in these views the bottom wall is in the form of an open frame that will expose the bottom towel at the middle portion, so that it can be readily grasped and pulled downwardly. As shown this bottom wall may be in the form of a narrow strip therein extending across from side to side at the lower edge of the upright partition plate 8, but is inclined forwardly and upwardly, and in the same inclined plane as this strip 10, I arrange another strip 11, that extends across between the side walls and connects with the front wall 8. The front member has an opening by being removed below the said strip 11 down to a place 12, to expose the open frame members 10 and 11, and permit access to these towels for their removal. A plate 13 extends upward from the front wall 5, at the edge 12 to the lower edge of the partition plate 8, and thus closes the cabinet, but provides ready access to the stack of towels resting on the frame members 10 and 11. Below this compartment and adjacent parts, the front wall 5 is provided with a door 14 that will give access to the interior of the cabinet and removal of the soiled towels therein.

If desired a reserve compartment may be provided at the top by having an upright wall 15 extending across at the rear of the upright wall 8, with a bottom wall 16 extending forward from the lower edge of wall 15, of a width to receive a reserve stack of towels 17. These two compartments may be closed by a lid 18 hinged at 19, at the top of the wall 15.

The cabinet at the top is free and open to the rear of the two compartments, and a kind of channel or passageway is provided so that the soiled towels can be placed in this passage way, and will readily fall down into the cabinet below the compartments, as indicated. Such towels when used are generally crushed or crumbled to a small mass or ball. It has been found very convenient and desirable to extend the two side walls upwardly a short distance as shown at 20 and 21, and the rear wall 2 is also extended up a short distance with the top edges of these extensions in register and the front corners rounded off. This

will provide a kind of chute or guide, so that the user of the towel can throw it at this opening a short distance away, and it will strike these extensions and then fall down into the cabinet. It will thus be seen that a comparatively large storage space is provided for the soiled towels, that can be removed at suitable intervals through the door 14, and the latter can be kept locked.

It is to be understood, that while I have described in detail practical embodiments of my invention, it can be altered in the arrangement and construction of the parts, and modifications can be made within the purview of the invention, without departing from the scope of the claims, and from the spirit and import of the invention.

In Figs. 3, 4 and 5 I show a similar form of cabinet with a single compartment at the top, back of which is located the guide or chute for receiving the soiled towels and the same extensions of the rear and side walls to guide the soiled towels down into the chute. In this arrangement the cabinet has an upright wall 30 extending across between side walls 31 and 32 and a horizontal bottom wall 33 projecting forward from the lower edge of the upright wall 30, to the front wall 34 of the cabinet. This front wall 34 has an opening 35 extending across so that the towels in the stack 36, resting on their side edges as shown, are pressed forwardly to engage the margins of the opening at their margins. This will permit the outermost towel to be withdrawn in the usual manner. A follower plate 37 is shown, engaged by springs 38 and 39 to press it forwardly and advance the towels as withdrawn. A lid 40 is shown hinged at 41 at the top of the upright wall 30, for access to the compartment for inserting the stack of towels. It will be understood that the cabinet back of the upright wall 30 provided a passage so that the soiled towels can pass down into the cabinet. The two side walls and the rear walls are extended upwardly at 43 and 44 to form a chute or guide for the soiled towels.

What I claim is:—

1. A cabinet for dispensing paper towels and for receiving a comparatively large number of soiled towels, comprising an upright cabinet with normally closed side walls and bottom, a compartment at the front portion of the cabinet formed by a wall extending vertically downward from the top and across between the sides, an open frame extending across between the side walls from the lower edge of said vertical wall inclined upwardly arranged to support an inclined stack of paper towels by their margins that face downwardly and outwardly, the front wall being provided with a comparatively large opening extending across between the side walls below the said open frame to provide access to the towels supported on the open frame, a wall extending down from the bottom of said vertical wall and inclined outwardly to connect with the front wall at the bottom of said opening to close the interior of the cabinet but expose the said open frame to permit removal of the towels from the frame, a reserve compartment in the cabinet formed by a bottom wall extending rearward from the lower edge of said vertical wall with a vertical wall extending upward from the rear edge of said latter bottom wall and across between the sides, a lid for the top of both said compartments, the cabinet being open and exposed at the top rearwardly of the said two compartments to form a large opening to receive the soiled towels to pass down into the cabinet below the compartment, and a door in one of the lower walls of the cabinet for removal of the soiled towels.

2. A cabinet for dispensing paper towels and for receiving a comparatively large number of soiled towels, comprising an upright cabinet with normally closed side walls and bottom, a compartment at the front portion of the cabinet formed by a wall extending vertically downward from the top and across between the sides, an open frame extending across between the side walls from the lower edge of said vertical wall inclined upwardly arranged to support an inclined stack of paper towels by their margins that face downwardly and outwardly, the front wall being provided with a comparatively large opening extending across between the side walls below the said open frame to provide access to the towels supported on the open frame, a wall extending down from the bottom of said vertical wall and inclined outwardly to connect with the front wall at the bottom of said opening to close the interior of the cabinet but expose the said open frame to permit removal of the towels from the frame, a reserve compartment in the cabinet formed by a bottom wall extending rearward from the lower edge of said vertical wall with a vertical wall extending upward from the rear edge of said latter bottom wall and across between the sides, a lid for the top of both said compartments, the cabinet being open and exposed at the top rearwardly of the said two compartments to form a large opening to receive the soiled towels to pass down into the cabinet below the compartment, and a door in one of the lower walls of the cabinet for removal of the soiled towels, the rear wall of the cabinet and also the two side walls at their rear portion being extended upward some distance above said top lid to form a guide or chute to direct the soiled towels down into the cabinet.

3. A cabinet for dispensing paper towels and for receiving a comparatively large number of soiled towels, comprising an upright cabinet with normally closed side walls and bottom, a compartment at the front portion

of the cabinet formed by a wall extending vertically downward from the top and across between the sides, an open frame extending across between the side walls composed of a narrow strip inclined forwardly and upwardly from the lower edge of said vertical wall and a second narrow strip across the inner face of the front wall which latter strip is in the same inclined plane as said strip, the front wall being provided with a comparatively large opening extending across between the side walls below the said open frame to provide access to the towels supported on the open frame, a wall extending down from the bottom of said vertical wall and inclined outwardly to connect with the front wall at the bottom of said opening to close the interior of the cabinet but expose the said open frame to permit removal of the towels from the frame, a lid for said compartment, the cabinet being open and exposed at the top rearwardly of the said compartment to form a large opening to receive the soiled towels to pass down into the cabinet below the compartment, and a door in one of the lower walls of the cabinet for removal of the soiled towels, the rear wall of the cabinet and also the two side walls at their rear portion being extended upward some distance above said top lid to form a guide or chute to direct the soiled towels down into the cabinet.

4. A cabinet for dispensing paper towels and receiving the soiled paper towels, comprising an upright cabinet with normally closed side walls and bottom, a compartment at the front upper part of the cabinet adapted to receive a stack of the paper towels with an open front wall arranged to permit withdrawal of the towels for use, a top lid for the cabinet at the front portion, the cabinet being open and exposed at the top of the rear of said top lid to form a large opening vertically exposed to receive the soiled towels to pass down into the space below said compartment, the rear wall of the cabinet and also the two side walls of the cabinet at their rear portion being extended vertically upward above the top lid to form a guide or chute at the rear to direct the soiled towels down into the cabinet through said opening, the extensions of the side and back walls lying throughout in the planes of the lower parts of said walls, and a door in one of the upright walls of the cabinet for removal of the soiled towels.

Signed at New York city, N. Y., November 27, 1931.

FRED ERIKSEN.