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H. A. BISSON

2,125,420

PAPER TOWEL RECEPTACLE

Filed July 22, 1936

3 Sheets-Sheet 1

Fig. 1.

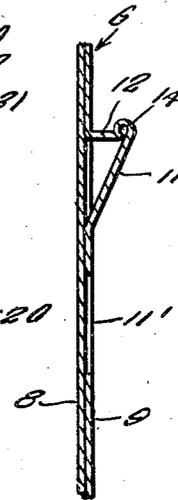
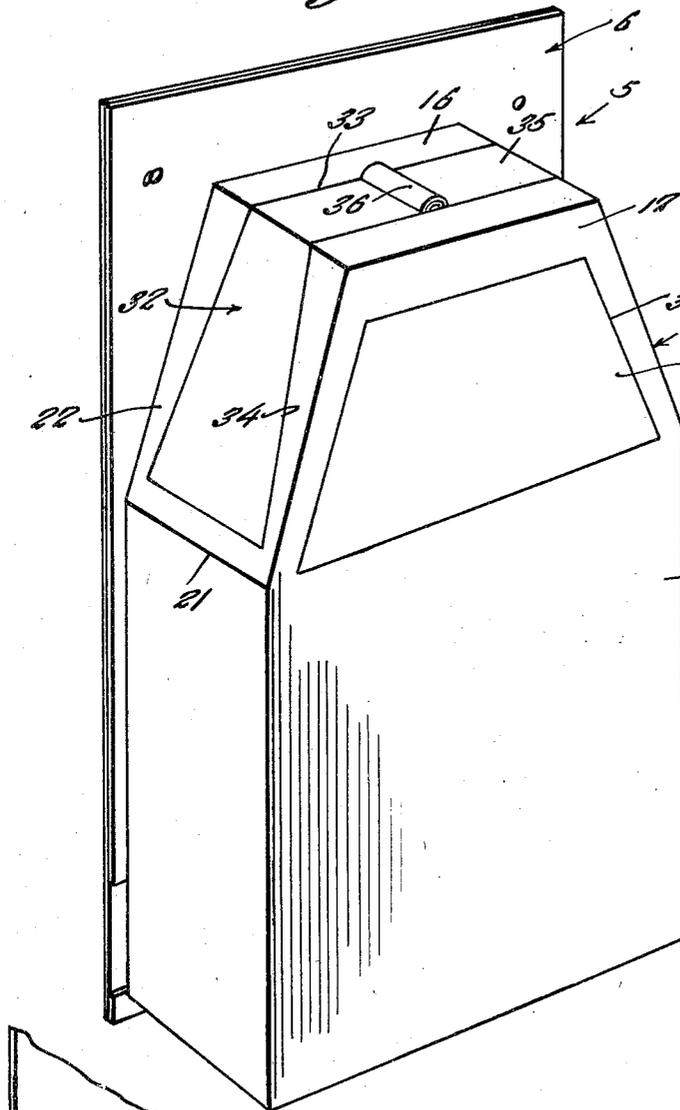
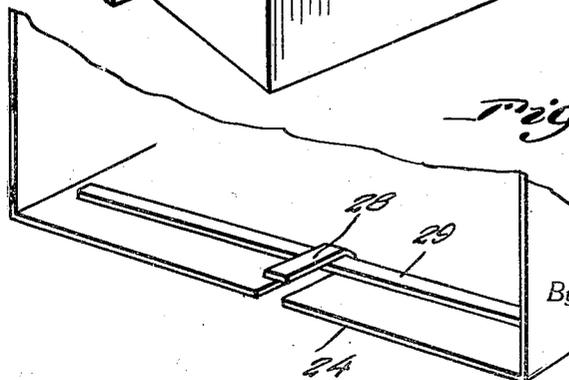


Fig. 6.

Fig. 7.



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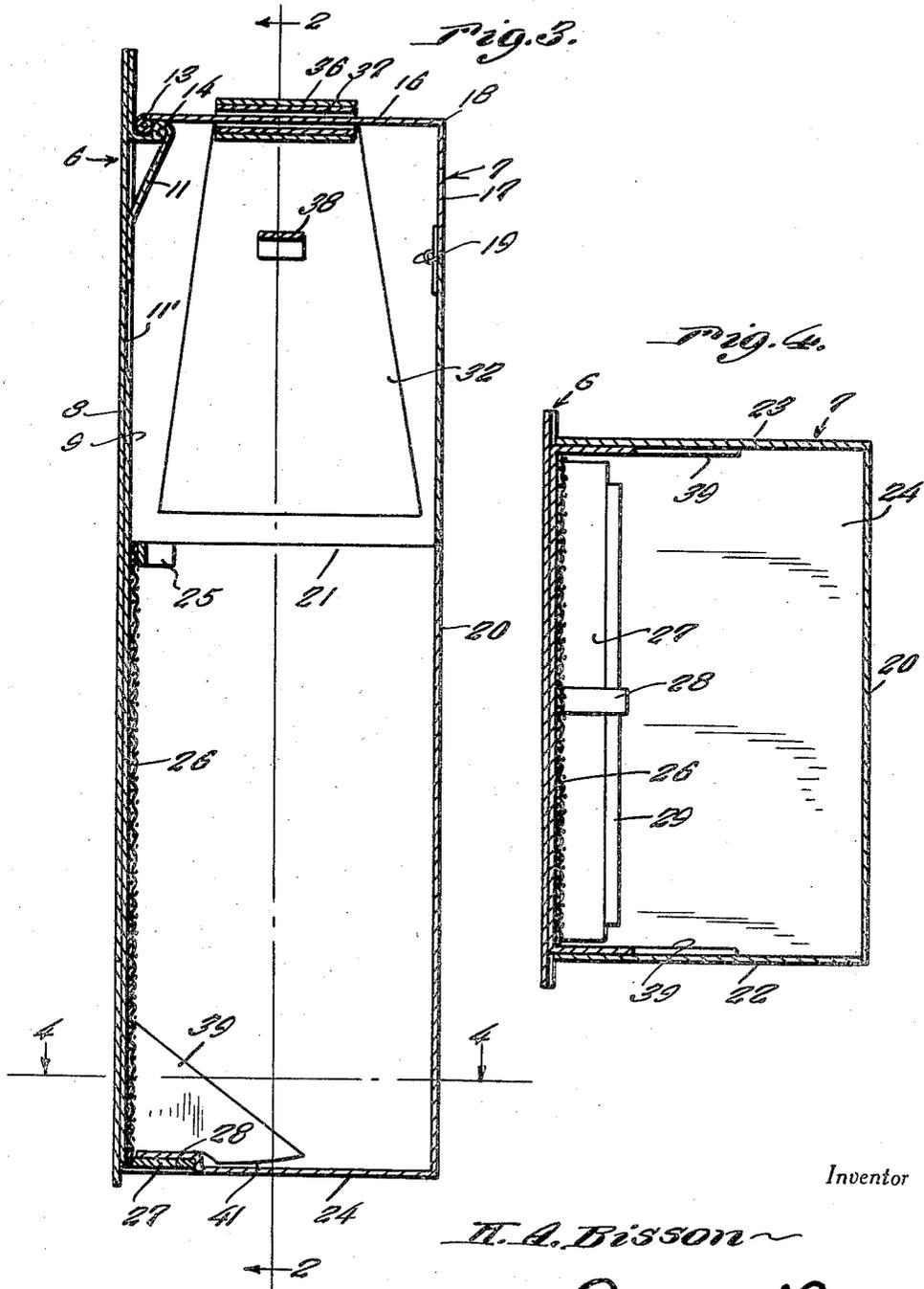
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PAPER TOWEL RECEPTACLE

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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE

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PAPER TOWEL RECEPTACLE

Henry A. Bisson, Berlin, N. H.

Application July 22, 1936, Serial No. 92,005

6 Claims. (Cl. 220—18)

My invention relates generally to receptacles for reception of waste paper and the like, and particularly to a receptacle especially adapted to receive and contain used and discarded paper towels, and an important object of my invention is to provide a convenient and efficient arrangement of this character.

Another important object of my invention is to provide a relatively inexpensive and easily constructed arrangement of the character indicated above, from which the collected waste paper is very easily removed.

Another important object of my invention is to provide an arrangement of the character indicated above which is especially adapted to be mounted on a wall or other support adjacent a wash stand.

Other important objects of my invention will be apparent from a reading of the following description taken in connection with the drawings, wherein for purposes of illustration I have shown a preferred embodiment of my invention.

In the drawings:—

Figure 1 is a general perspective view of the embodiment.

Figure 2 is a longitudinal sectional view taken through Figure 3 approximately on the line 2—2 and looking toward the left in the direction of the arrows.

Figure 3 is a transverse vertical sectional view taken through Figure 2.

Figure 4 is a horizontal sectional view taken through Figure 3 approximately on the line 4—4 and looking downwardly in the direction of the arrows.

Figure 5 is a view similar to Figure 3 of the rear portion of the receptacle and showing the same detached from the mounting plate.

Figure 6 is a transverse vertical sectional view taken through the upper part of the mounting plate and bracket, and

Figure 7 is a perspective view of the rear lower part of the receptacle with the mounting plate and the screen removed.

Referring in detail to the drawings, the numeral 5 generally designates the embodiment which comprises the mounting plate which is generally designated 6 and the receptacle per se which is generally designated 7.

The base or support 6 is preferably composed of two vertically elongated rectangular plates 8 and 9 which are coextensive and provided at their upper corners with screw or nail receiving openings 10 to receive screws for fastening the device to a wall or other support adjacent a wash

stand. Mounted in an opening in the upper end of the plate 9 is the inverted triangular bracket 11 which has a horizontal portion 12 which is provided with an upstanding rounded head 14 over which the head 13 depending from the top 16 of the receptacle per se 7 is adapted to be snapped for supporting the receptacle 7 on the base or support 6 in the manner of engagement clearly illustrated in Figure 3.

The receptacle per se comprises the front plate 17 which joins the top 16 at the point 18 and at a point below the top has a hinge 19 on which is pivotally fastened the swingable front plate section 31 above the major portion 20 of the front of the receptacle. The front plate structure is tapered upwardly from the points 21, and the side plates 22 and 23 are slanted above the points 21 as clearly indicated in Figures 1 and 2 and have below the points 21 parallel portions which terminate in and join the bottom 24 which is also joined to the lower edge of the main plate portion 20.

The back of the receptacle is open above the point 21 just below which there extends across the back a brace 25 to which is connected the upper end of a screen 26 which has on its lower end a horizontal slat 27 which is engageable under an upset portion 28 on the rear of the bottom 24, which upset portion tethers a stop 29 against which the slat 27 is engaged when in the closed position illustrated in Figure 3. The screen 26 is arranged to hold the waste paper in the lower part of the receptacle, but to be swung to the open position illustrated in Figure 5 when it is desired to remove the waste paper therefrom. In order that access to the screened opening may be had, the receptacle 7 is swung outwardly at its bottom away from the support or base 6.

A fan-shaped opening 30 in the upper part of the front plate of the receptacle is normally closed by the fan-shaped flap 31 which is mounted and secured in a swingable manner by the already mentioned hinge 19, the said flap 31 being adapted to be pushed inwardly in a well known manner to dispose a waste paper towel within the receptacle.

Additional means for enabling disposing towels or the like within the receptacle is constituted by the duplex flap structure which is generally designated 32 and which works in the opening 33 in the top 16, the said opening 33 having approximately parallel sides, and in the tapered openings 34 in the opposite sides of the

slanting portions of the side members of the receptacle.

The duplex flap device 32 has at the center of its normally horizontal portion 35, the journal portion 36 which swings on a journal member 37 which is connected to the edges of the opening 33 in the top of the receptacle, so that the flaps may swing in and out of the dotted line positions illustrated in Figure 2 and into oppositely disposed positions, to enable entry of the waste paper or the like through the openings 34. A brace 38 is connected to the opposite flaps 32 as clearly shown in Figures 2 and 3 to lend adequate rigidity thereto.

Bayonets 39 which project forwardly from the lower part of the base or support 5 enter openings 40 in the back of the receptacle and at the sides of the screen 26 for assisting the bracket 11 in supporting the receptacle adequately on the base 5 for holding the same in proper position relative to the base despite careless handling of the various flaps in the use of the device. The bayonets 39 engage the sides of the receptacle as illustrated in Figures 2 and 3 and have curved lower edges properly arranged to accommodate the outward swing of the receptacle into emptying position, and to procure proper engagement of the bayonets with the sides and bottom of the receptacle when the receptacle is in the normal perpendicular position.

Although I have shown and described herein a preferred embodiment of my invention, it is to be definitely understood that I do not desire to limit the application of the invention thereto, and any change or changes may be made in the materials, and in the structure and arrangement of the parts, within the spirit of the invention and the scope of the subjoined claims.

What is claimed is:—

1. A receptacle for waste paper towels and the like, said receptacle comprising a vertical base for attachment to a wall or the like, a forwardly extending bracket on an upper part of said base, transversely spaced elements on a lower part of said base, a container having an open back and an openable screen closing the lower part of said open back, a hinge bracket on an upper part of said container swingably engaging said forwardly extending bracket, whereby the lower part of said container is swingable away from said base into an emptying position, the lower part of said container having opening means at its opposite sides engageable by said bayonet elements in the normal position of said container in a manner to hold said container in said normal position.

2. A receptacle for waste paper towels and the like, said receptacle comprising a vertical base for attachment to a wall or the like, a forwardly extending bracket on an upper part of said base, a container having an open back and an openable screen closing the lower part of said open back, a hinge bracket on an upper part of said container swingably resting upon said forwardly extending bracket, whereby the lower part of said container is swingable away from said base into an emptying position, the lower part of said base having means engageable with portions of the side walls of the container in the normal position of said container in a manner to hold said container in place and prevent sidewise movement of the container, the said opposite side walls being provided with towel receiving openings, and duplex flap means pivotally suspended from the top of the container and normally closing said towel receiving openings.

3. A receptacle for waste paper towels and the like, said receptacle comprising a base for mounting on a wall or the like support, an open back container having towel receiving openings in its opposite sides and communicating with a third opening in the top of the container, laterally swingable closure means adapted to close all of said openings, pivot means pivotally supporting said closure means from the top of the casing, bracket means removably mounting the upper part of the back of said container to said base and providing for forward movement of the lower part of the back of said container away from said base to enable removal of the contents of the container, and means projecting forwardly from said base and engageable with the lower part of the side walls of said container and a portion of the bottom of the container whereby said container is held down in place and prevented from shifting laterally when force is applied to a side of the container in placing a towel in one of the towel receiving openings.

4. A receptacle for waste paper towels and the like, said receptacle comprising a base for mounting on a wall or the like support, a forwardly projecting bracket on said base, an open back container having towel receiving openings in its opposite sides, laterally swingable closure means for said openings, a bracket engaging element on the upper part of the back of said container, said element being arranged to engage over said bracket so as to suspend the container on the base and permit forward movement of the lower part of the back of said container away from said base to enable removal of the contents of the container, and bayonets projecting forwardly from said base and arranged to lie along the inner side of the lower part of the side walls of said container, said bayonets having angulated lower edges arranged to engage the upper side of the bottom of the container whereby said container is held down in place and prevented from shifting laterally when force is applied to a side of the container in placing a towel in one of the towel receiving openings.

5. A receptacle for waste paper towels and the like, said receptacle comprising a base for mounting on a wall or the like support, a first bracket projecting forwardly from said base and formed with an upwardly projecting head, an open back container having towel receiving openings in its opposite sides, laterally swingable closure means for said openings, a second bracket on the upper part of the back of said container, said second bracket being formed with a downturned head, said second bracket being arranged to engage the first bracket with the head of the second bracket engaged behind the head of the first bracket, and bayonets projecting forwardly from opposite sides of said base and arranged to lie along the inner sides of the lower part of the side walls of said container, said bayonets having their lower edges formed to engage the upper side of the bottom of the container whereby said container is held down in place and prevented from shifting laterally when force is applied to a side of the container in placing a towel in one of the towel receiving openings, the said upper side of the bottom of the container having projection thereon and the said lower edges of the bayonets being formed with a notch engageable with the front side of said projection whereby forward swinging of the lower part of the container is prevented.

6. A receptacle for waste paper towels and the like, said receptacle comprising a base for mount-

ing on a wall or the like support, an open back
container having towel receiving openings in its
opposite sides, laterally swingable closure means
for said openings, bracket means removably
5 mounting the upper part of the back of said con-
tainer to said base and providing for forward
movement of the lower part of the back of said
container away from said base to enable removal
of the contents of the container, and means pro-
10 jecting forwardly from said base and engageable
with the lower part of the side walls of said
container and a portion of the bottom of the con-
tainer whereby said container is held down in

place and prevented from shifting laterally when
force is applied to a side of the container in plac-
ing a towel in one of the towel receiving openings,
a screen closing the lower part of the back of the
container, a first bar extending across the back 5
of the container and to which the upper end of
said screen is fixed, a second bar fixed to the lower
end of said screen, and a detent on the lower
part of said container with which said second
bar is releasably engageable to releasably fasten 10
the lower end of said screen in closed position.

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