

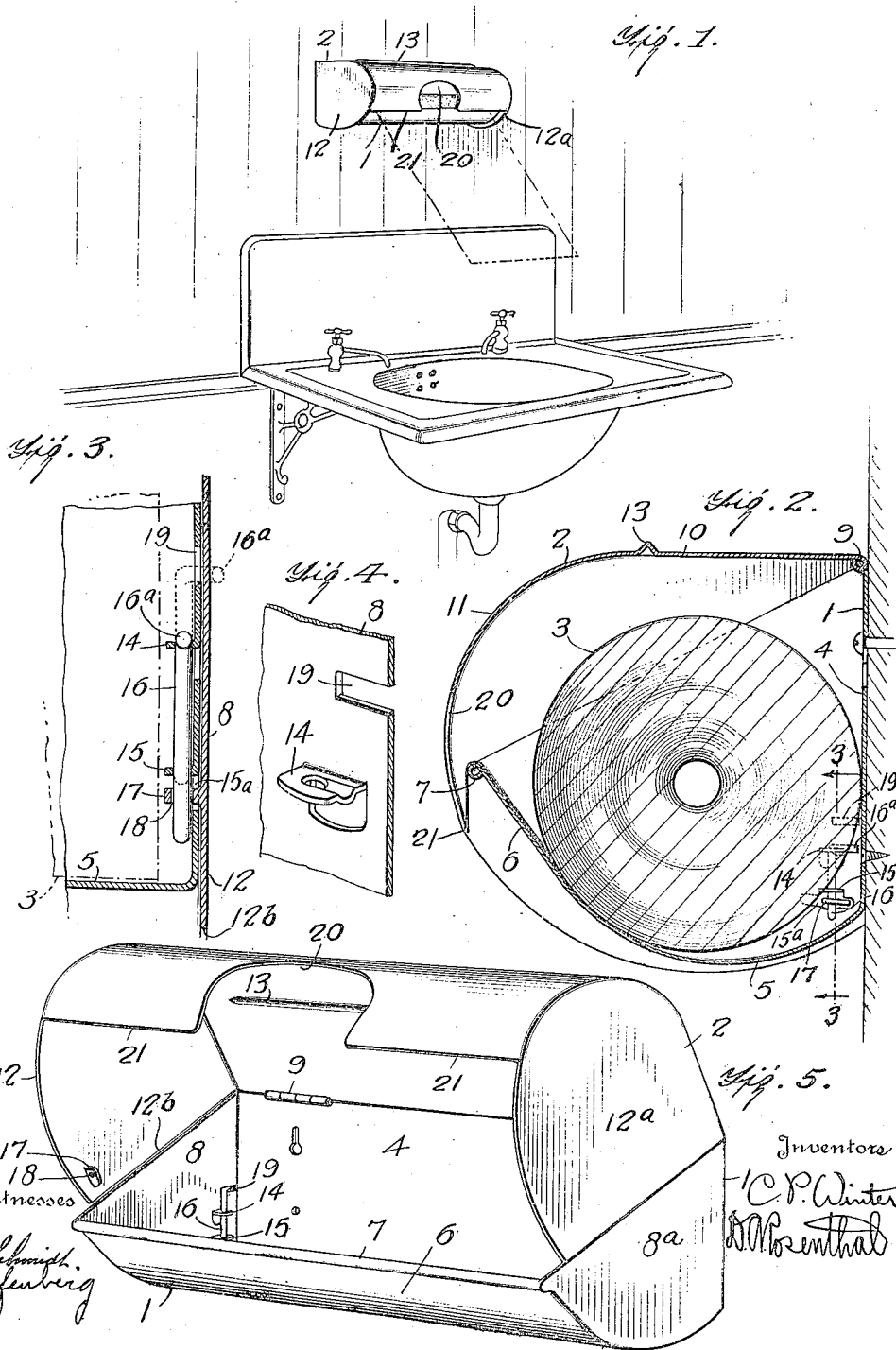
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PAPER TOWEL HOLDER.

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1,122,672.

Patented Dec. 29, 1914.



# UNITED STATES PATENT OFFICE.

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## PAPER-TOWEL HOLDER.

1,122,672.

Specification of Letters Patent.

Patented Dec. 29, 1914.

Application filed November 24, 1913. Serial No. 802,704.

### *To all whom it may concern:*

Be it known that we, COURTNEY P. WINTER and DUNBAR A. ROSENTHAL, citizens of the United States, and residents of Washington, District of Columbia, have invented certain new and useful Improvements in Paper-Towel Holders, of which the following is a specification.

This invention has relation to that particular class of towel holders for containing a roll of absorbent paper which is perforated at predetermined towel lengths in the usual manner. Heretofore, in this class of towel holders, it has been possible to obtain a strip of toweling as long as was desired which caused a comparatively large waste.

An object of our invention resides in providing a towel holder whereby no more than one towel length may be obtained at a time, our improved device effectively causing the paper to tear, as it is unwound from the roll, at each line of perforations.

A further object of our invention is to provide a towel holder that will automatically lock upon being closed, thereby rendering its contents safe against tampering, and if desired cannot readily be opened until practically the entire roll is exhausted.

A still further object of our invention is to provide a towel holder of the class described, that is simple, inexpensive, effective and sanitary.

With these and other objects in view, the invention comprises certain novel constructions, combinations and arrangement of parts as will be hereinafter more fully described and claimed.

In the accompanying drawing which forms a part of this specification, Figure 1 is a perspective view of our improved towel holder in its operative position. Fig. 2 is a cross sectional view through the holder. Fig. 3 is a section on the line 3-3, of Fig. 2. Fig. 4 is a fragmentary perspective view of the side wall 8, of the lower body, and Fig. 5 is a perspective view of the towel holder showing the cover in its raised position.

The towel holder, preferably constructed of sheet metal, is composed of a stationary

body or member 1, and a hinged cover 2. The stationary body or lower member 1, is approximately trough shaped in cross section for the purpose of seating and holding the roll of paper toweling 3, and consists of the rear plate 4, having its lower edge curved outward as indicated at 5, to form a base and is then extended upward in a straight line as shown at 6, terminating in a rounded edge or bead as at 7. The plates 8 and 8<sup>a</sup>, are integral with the body portion and close the ends of said body.

The cover of the towel holder is hinged to the upper edge of the rear plate 4, as indicated at 9, and is provided with a flat top 10, a downward curved front 11, its lower edges extending below the beaded edge 7, end end plates 12, and 12<sup>a</sup>. A reinforcing rib 13, located at the juncture of its top 10, and front 11, on the cover 2, also serves the purpose of retaining any article that may be placed upon the said top. We provide an opening 20, at the lower edge of the cover 11, for the purpose of obtaining a finger hold on the outer end of the toweling.

Ears 14, and 15, are struck out from the end plate 8, extended inwardly, and are provided with circular openings for the reception of a pin 16, which is capable of a vertical and rotative movement within the said ears.

A lug or ear 17, is made integral with the end plate 12, and enters the slot 15<sup>a</sup>, which is located in the end plate 8, and immediately below the lug 15. The lug 17, is provided with an opening 18, which is adapted to align with the openings in the lugs 14, and 15, for the purpose of receiving the lower end of the pin 16, when it is desired to lock the cover 2, to the body portion 1.

The pin 16, has its upper end bent at a right angle indicated at 16<sup>a</sup>, for the purpose of supporting itself in a raised position, by entering the elongated slot 19, in the end plate 8. The lower edge of the slot 19, is beveled, as clearly indicated in Fig. 3, so that the offset 16<sup>a</sup>, will more readily drop out of said slot 19, upon being tripped, as will be more fully explained, hereinafter. A depression is formed in the upper face of the lug 14, for the purpose of seating the

angular portion 16<sup>a</sup>, of the pin 16, when in its locked position, thus preventing any accidental displacement of the said pin 16.

With special reference to Fig. 5, in the open or initial position of the towel holder, the pin 16, is raised and its angular position 16<sup>a</sup>, is placed within the slot 19. The roll of paper 3, is placed in the trough 1, allowing the outer end of the paper to extend beyond the edge 7, and the cover may then be lowered to its closed or locked position. The locking of the cover to the body portion is effected by the downward movement of the end plate 12, contacting with the angular portion 16<sup>a</sup>, deflecting the said offset which clears itself of the slot 19, falling by gravity upon the lug 17. The lug 17, enters the slot 15<sup>a</sup>, slightly in advance of the downward movement of the pin 16, in order to eliminate any possibility of the said pin dropping before the lug 17, is within its path.

In procuring a towel from the holder, the fingers are inserted within the opening 20, in the cover 2, and taking a hold on the paper at the edge 7, it is withdrawn, as shown by dotted lines in Fig. 1. But one towel may be withdrawn at a time, due to the friction between the rounded edge 7, of the trough and the lower edges 21, of the cover which causes the individual towels to be torn from the roll at each line of perforations, upon the said line of perforations reaching the lower edges 21.

It can readily be seen that access to the locking means cannot be gained until the entire roll of toweling has been consumed.

Upon the towel holder becoming exhausted and in order to refill the same, the pin 16 is lifted sufficiently high to clear the lug 17. The end plate 12 of cover 2, is then slightly deflected outward, until the said lug 17, has emerged from the slot 15<sup>a</sup>, when the cover can be raised.

The towel holder is preferably secured to the wall by means of screws, as shown in Fig. 2.

Although we have described the embodiment of our invention, we may desire to make such changes in the construction, combination and arrangement of parts thereof as do not depart from the spirit of the invention, and the scope of appended claims.

We claim:

1. The combination of a case adapted to receive a roll of toweling material which is perforated transversely at intervals to divide the same into sheets of definite length, said case including a body portion having a rear plate for attachment to a suitable support and also provided with a bottom, a front and end plates, the free edge of the bottom being directed upwardly at its forward edge, and a cover including a top

whose front portion overhangs the front of said body in spaced relation thereto so as to provide a relatively long narrow opening, the free edge of the forward portion of the cover lying below the forward edge of the bottom and substantially in vertical alinement therewith, and end plates carried by the cover and which are movable along the outer surface of the body end plates, said toweling material being adapted to be drawn in web form upwardly over the forward edge of the bottom and thence downwardly between the forward edge of the bottom and the inner face of the forward portion of the cover whereby towels of definite length may be taken from the roll at each line of perforations upon said line of perforations reaching the free edge of the forward portion of the cover.

2. A towel holder of the class described, consisting of a case including a body portion having a rear plate for attachment to a suitable support, a curved bottom, an upwardly and forwardly inclined front terminating in an upper forward beaded edge, end plates, and a cover having a flat top, the rear edge of which is hingedly connected to the upper edge of the rear body plate, a forwardly and downwardly curved front having a cut-out portion in its lower edge and adapted to lap the upper fore edge of the body in closed position to provide a relatively long narrow opening, and end plates carried by the cover and which are movable along the outer surface of the body end plates, and locking means located on the inside of said body portion, substantially as described.

3. In a towel holder of the class described, the combination of a trough-shaped body portion closed at its ends, a cover having end plates overlapping the end plates of the body portion, and locking means consisting of upper and lower apertured ears vertically disposed and spaced apart, slots above and below said ears, and inwardly projecting apertured lug integral with the cover and adapted to extend through the lower slot in the said body end plate, and a locking pin having an upper angular end normally extending outwardly through the upper slot of the body end plate and in the path of movement of the adjacent cover end plate to closed position; the said pin being mounted to rotate and move vertically in the said upper and lower ears of the body portion to permit it to descend through the apertured lower lug when the said lower lug is moved into alinement therewith.

4. A towel holder comprising a casing including a body and a cover hinged thereto, the cover at its front overhanging the front of the body in spaced relation thereto to form an opening, the body having a slot in one side with spaced lugs formed on the

inner face of said side in vertical alinement with said slot, the cover having a perforated lug adapted to spring into said opening of the body when the cover is closed  
5 and aline with the aforesaid perforated lugs, and a key movable into coöperative relation with said alining lugs under the influence of closing movement of the cover.

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

COURTNEY P. WINTER.  
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Witnesses:

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SAMUEL E. LACY.