

June 6, 1933.

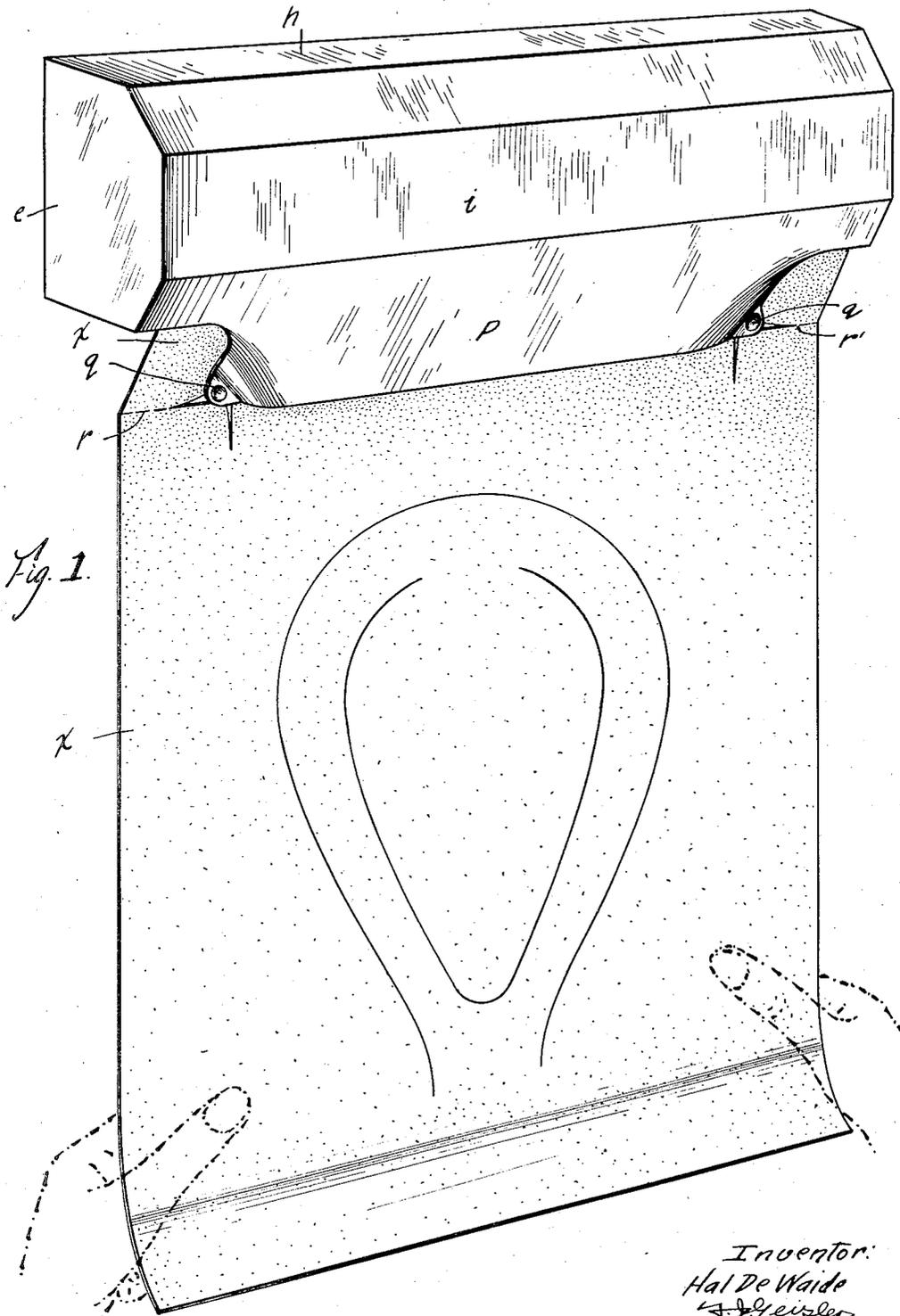
H. DE WAIDE

1,912,363

DISPENSER FOR ROLLED SHEET MATERIAL

Filed Nov. 3, 1930

3 Sheets-Sheet 1



Inventor:  
Hal De Waide  
J. J. Feisler  
ATTY.

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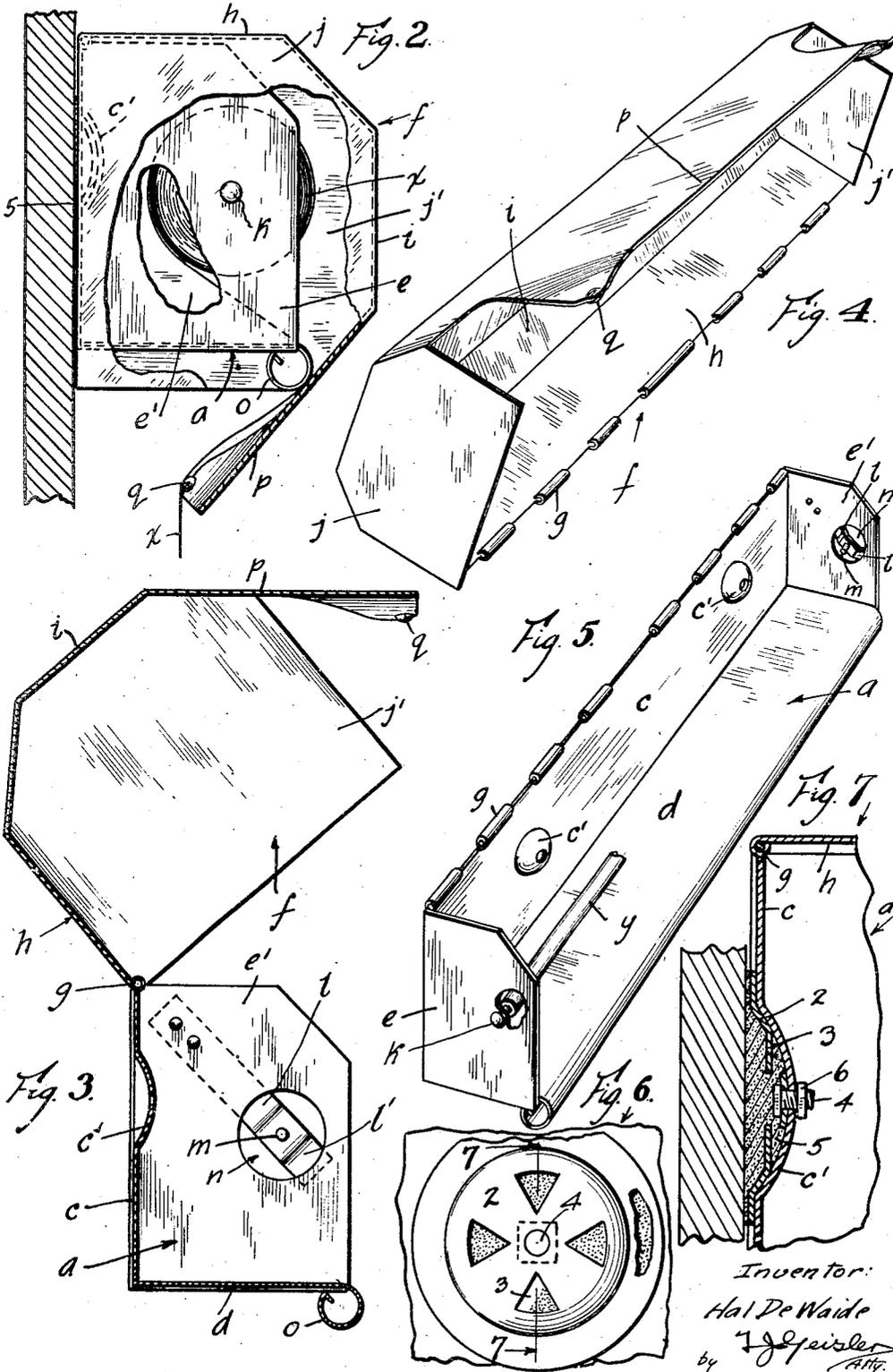
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3 Sheets-Sheet 3

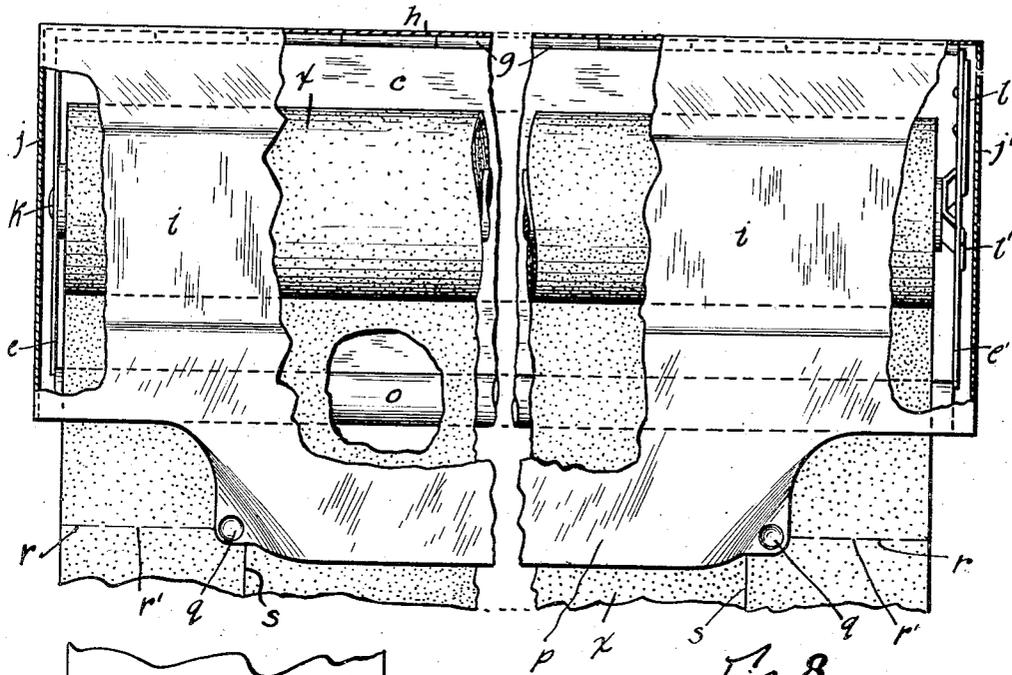


Fig. 8.

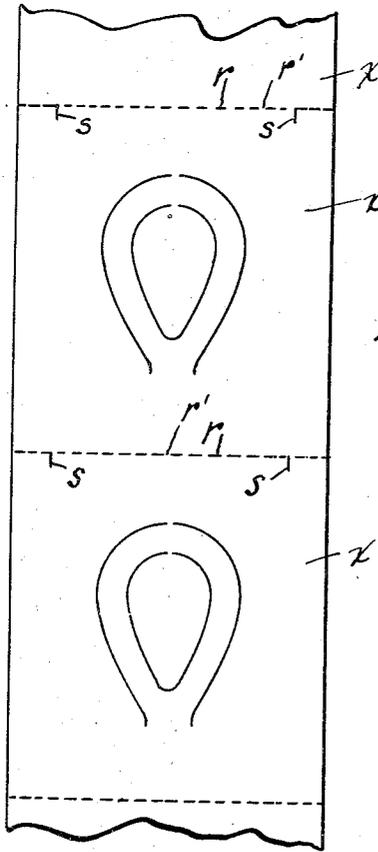


Fig. 9.

Inventor:  
Hal De Waide  
J. J. Geisler  
Att'y  
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# UNITED STATES PATENT OFFICE

HAL DE WAIDE, OF PORTLAND, OREGON

DISPENSER FOR ROLLED SHEET MATERIAL

Application filed November 3, 1930. Serial No. 492,983.

My invention relates to roll paper dispensers especially adapted for dispensing flat sheets of thin tissue paper, specifically toilet seat covers of the class described in my Patent, No. 1,744,300, dated January 21, 1930, entitled Sanitary toilet seat cover.

Such toilet seat covers are generally provided gratis in the semi-public toilets of hotels, office buildings, and the like, and are most conveniently provided for this use in rolls, from which each seat cover is separable by means of transverse slits or perforations.

However, although this manner of dispensing the seat covers is the most economical and satisfactory, there are certain disadvantages, in that the tendency is for the user to carelessly pull off more than one seat cover at a time, which is wasteful; and further, in breaking the perforated bond between the covers, the cover on each side is frequently torn and rendered useless, which is the cause of further waste.

Therefore the object of my invention is to provide a roll paper dispenser for such toilet seat covers adapted to permit only one seat cover to be withdrawn at a time without tearing, by means of devices provided on the dispenser adapted to cooperate with suitable perforations or slits in the paper web, located on the division line between the individual seat covers, whereby the seat covers will be readily separable from the body of the roll by the mere act of drawing the seat cover from the dispenser.

A further object of my invention is to provide a dispenser having means by which it may be firmly secured to the wall of a room without defacing it with screws or bolts.

I attain my objects in a dispenser for rolled sheet material comprising a housing, means carried by the housing for rotatably and removably carrying a roll of said sheet material, a cover hinged to said housing, the free edge of the cover provided with means adapted to bear against the sheet material as the material is unwound, said means carried by the cover formed to expose the next following edge of the material, whereby it may be conveniently grasped to be withdrawn.

These and other incidental objects of my invention, the details of construction and the mode of operation are hereinafter fully described with reference to the accompanying drawings.

In the drawings:

Fig. 1 shows a front elevation of my dispenser and illustrates a seat cover withdrawn therefrom, but as yet not disconnected from the roll;

Fig. 2 shows an end elevation of my dispenser with parts broken away to illustrate the arrangement of the roll therein and how the seat cover is withdrawn;

Fig. 3 shows a transverse section of the same with the cover raised;

Fig. 4 shows a perspective view of the cover removed from the dispenser;

Fig. 5 shows a perspective view of my dispenser with the cover removed;

Fig. 6 shows a front elevation of the means provided for fastening my dispenser to the wall;

Fig. 7 shows a transverse fragmentary section taken on the line 7—7 of Fig. 6 and illustrates further details of construction;

Fig. 8 shows a front elevation of my dispenser with parts broken away to disclose the arrangement of the roll in the dispenser;

Fig. 9 shows a number of the seat covers arranged in the roll and illustrates the means by which they are separable one from the other.

Referring now to the drawings: My dispenser comprises an open housing *a* and cover *f*. The housing consists of back, bottom, and end walls *c*, *d*, *e* and *e'*, respectively. The cover *f* is hinged to the upper edge of the wall *c* as at *g* and comprises a top wall, *h*, front wall *i* and end walls *j*, *j'* which when closed, envelope the said housing.

A fixed inwardly extending pin *k* is provided on the end wall *e* and an elongate resilient member *l* is secured to the exterior of the end wall *e'* at one end, and arranged so that the other end *l'* on which is provided an inward extending pin *m* will bear in a circular opening in the said end portion *e'*. By these means, a roll of seat covers, as *o* in Fig. 2, may be removably mounted therein

by inserting said pins *k*, *m* in recesses provided in the ends of the spindles *y* upon which the rolled sheet material is commonly wound.

5 The edge of the bottom wall *d* of the housing *a* is rolled as at *o* and the free edge of the cover is provided with an inwardly and downwardly inclined extension *p* of less width than the body of the cover, see Figs. 1 and 4, so that when the roll of seat covers is mounted in the housing *a* and arranged so as to be unwound from the under side, the seat covers may be conveniently grasped to be unwound from the roll.

15 The corners *g* of the extension *p* are bent inwardly slightly and rounded so as to bear against the seat cover as it is withdrawn from the roll.

The seat covers, as illustrated in Figs. 1 and 9, are separable from the body of the roll by transverse incisions *r* and supplementary, longitudinal perforations or slits on the said line of incisions. The perforations or slits *s* are so arranged that as the seat covers are drawn from the dispenser by grasping the corner thereof in each hand, see Fig. 1, the corners *g* of the extension *p* engage the said perforations *s* and retard the movement of the sheet, thus causing the bonds *r'* between the incisions *r* to break.

Thus each cover as it is drawn out will automatically be broken from the body of the roll and only one cover may be withdrawn at a time. Further, by this construction, since the bonds *r'* are very light, they will break before the body of the seat cover will tear.

Further, as each cover is broken from the body of the roll, the corners of the next adjacent cover will project beyond the ends of the lip *p* and thus may be conveniently grasped.

The means I have provided for fastening my dispenser to the wall comprise concavo-convex discs 2 having lips 3 punched through so as to project into the concavity of the disc and bolts 4 located centrally in the disc and projecting from the convex side.

By this construction, by filling the disc 2 with a quick drying cement, as at 5, and pressing the same against the wall a permanent fixture is provided to which the dispenser may be fastened by locating the discs 5 in suitable depressions *c'* in the wall *c* of the housing and threading a nut as 6 on the end of the bolt.

I claim:

1. As a dispenser for a roll of sheet material provided with transverse incisions arranged to facilitate separation of the sheet into successive portions, a housing provided with means for rotatably carrying the said roll, the housing having a rounded edge over which to draw the sheet, and a cover hinged to said housing, the free edge of said cover

extending inward over and beyond said edge, the corners of the free end of said cover being formed to present interior knob-like protrusions, whereby to centralize the pressure exerted on the sheet in the pulling of the same from the housing, and thus cause the tearing off of a portion of the sheet along its said incisions.

2. As a dispenser for a roll of sheet material provided with transverse incisions arranged to facilitate separation of the sheet into successive portions, a housing provided with means for rotatably carrying the said roll, the housing having a rounded edge over which to draw the sheet, and a cover hinged to said housing, the free edge of said cover extending inward over and beyond said edge, the corners of the free end of said cover being formed to present interior knob-like protrusions, whereby to centralize the pressure exerted on the sheet in the pulling of the same from the housing, and thus cause the tearing off of a portion of the sheet along its said incisions, said free ends of the cover being cut away so as to expose the lower corner portions of the succeeding portion of the sheet.

HAL DE WAIDE.