J. B. ISHAM.

TOILET PAPER HOLDER.

APPLICATION FILED MAR. 17, 1921.

1,411,029. Patented Mar. 28, 1922.

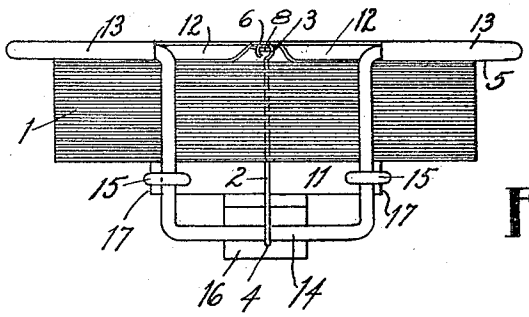



FIG. 1.

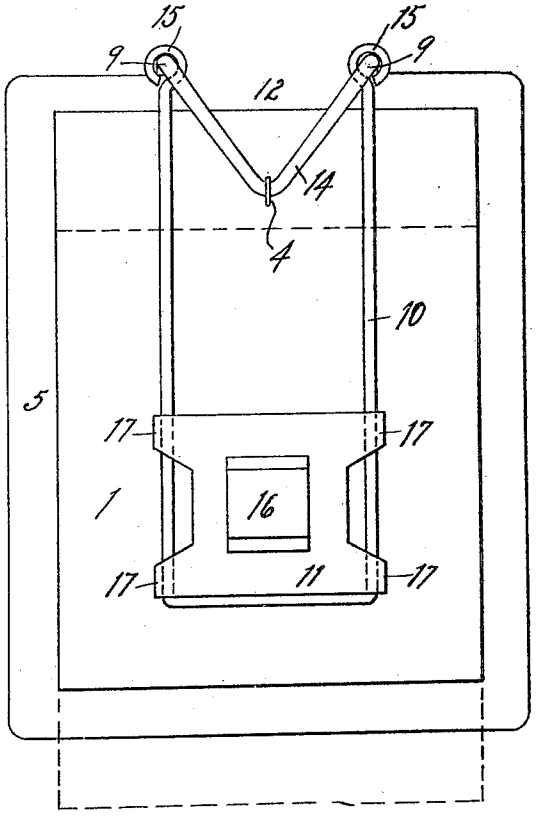



FIG. 2.

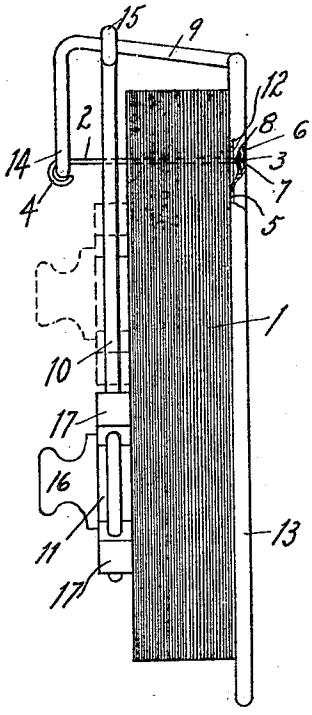



FIG. 3.

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BY

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# UNITED STATES PATENT OFFICE.

JOHN B. ISHAM, OF HAMPDEN, MASSACHUSETTS.

## TOILET-PAPER HOLDER.

1,411,029. Specification of Letters Patent. Patented Mar. 28, 1922.

Application filed March 17, 1921. Serial No. 453,070.

*To all whom it may concern:*

Be it known that I, JOHN B. ISHAM, a citizen of the United States of America, and a resident of Hampden, in the county of Hampden and State of Massachusetts, have invented a new and useful Toilet-Paper Holder, of which the following is a specification.

My invention relates to improvements in appliances for holding packages of sheets of paper and for dispensing or feeding such sheets individually, and consists essentially of a backing provided with front and rear supports for a wire which passes through a package of flat sheets of paper, the front support also being for a hanger as well as for said wire, the said hanger suspended from its support and movable thereon, and a feeder movably connected with such hanger, together with such other parts and members as may be necessary or desirable in order to render the appliance complete in every respect, all as hereinafter set forth.

This appliance is especially designed for holding and dispensing toilet-paper, but may, of course, be used for other purposes, such, for example, as holding and dispensing paper towels.

The primary object of my invention is to produce a comparatively simple and inexpensive holder with which a package of flat sheets of paper can be readily connected, and such sheets can be easily, quickly, and conveniently fed one at a time from such package.

It is customary to fasten together the sheets of toilet-paper in a package with a wire having a loop at one end, the looped and straight terminals of such wire being bent into angular relation to the main portion thereof to hold the paper in place and prevent it from slipping off of the wire at either end, and my holder is adapted to utilize such wire when a package provided with the same is attached to said holder. In the absence of such a wire in a package of paper, it is necessary to supply the same.

Another object of my invention is to provide a device of the character described which is compact, and can be suspended from a nail or screw just as the ordinary package of toilet-paper is suspended by means of the looped terminal of the wire of which mention has been made.

Still another object is to provide a holder with dispensing or feeding means which are noiseless in their operation, so that the sheets of paper can be removed from the package noiselessly, which is an important advantage, especially when the holder is used for toilet-paper.

Other objects and advantages will appear in the course of the following description.

I attain the objects and secure the advantages of my invention by the means illustrated in the accompanying drawings, in which—

Figure 1 is a top plan of an appliance which embodies a practical form of my invention; Fig. 2, a front elevation of said appliance, the position of the foremost sheet of paper when actuated downward by the feeder in position ready to be completely detached from the package being represented by broken lines, and, Fig. 3, a side elevation of said appliance, a portion of the backing being broken out to disclose certain parts which otherwise would be hidden, and the feeder being represented by broken lines in elevated position, as well as by full lines at the bottom or lower end of its travel.

Similar reference characters designate similar parts throughout the several views.

In the drawings, a package 1 of flat sheets of paper is shown in place in the holder, and a wire 2 is represented as passing through said package from back to front a short distance below the top edge and in the longitudinal center thereof. At the rear end of the wire 2 is a loop or ring 3.

In order to utilize the wire 2 in connection with my holder, it is necessary to straighten both terminals so that the ring 3 and the front terminal are in line with the main body portion of said wire, and to form a hook, as 4, out of said front terminal.

The holder comprises a backing 5, which is provided with a lug 6 having an opening 7 therein, and also with a hook 8, a forwardly- and downwardly-extending support 9, which support projects from the top-edge portions of said backing, a hanger 10 suspended from said support, and a feeder 11 mounted on said hanger.

The backing 5 may be made of sheet metal, in which case the lug 6 is struck out of the same, and the hook 8 is struck out of said lug leaving an opening 7 in the lug. The opening 7 is provided to receive the head of a

nail or screw from which the holder is supported against a wall. The lug 6 is located a short distance below the top of the backing 5 in the vertical center thereof, and the central portion of the backing above said lug is cut away as represented at 12. The backing 5 is preferably somewhat larger in area than the area of the package 1. The support 9 may be made of comparatively heavy round wire, and such wire may be continued across the top portions of the backing 5 on both directions from the opening 12, down the sides of said backing, and across the bottom thereof, and the parts of said wire which extend along the edges of the backing are partially enclosed by turning such edges over such parts, as represented at 13. Thus the backing 5 is greatly strengthened and stiffened, and there is sufficient room behind the flat portion of said backing and the plane in which the back edges of the parts 13 are located to accommodate the lug 6 and enable the holder to be suspended by said lug flat against the wall or in parallel relation thereto.

The holder 9 consists of two forwardly and upwardly projecting arms which are connected at their forward ends by a downwardly-extending V-shaped part 14. The aforesaid arms extend in parallel relationship forwardly on each side of the opening 12 from the top portions of the backing 1.

The hanger 10 preferably consists of a U-shaped wire having at the upper ends eyes 15—15 through which the arms of the support 9 extend. In other words, the hanger 10 is mounted by means of the eyes 15 on the forwardly extending portions of the hanger 9. The said portions or arms of the hanger have an upward inclination, as previously observed, and this is for the purpose of causing the hanger 10 to gravitate toward the backing 5 or to have such a tendency, and thus retain the feeder 11 in contact with the package 1 when in place.

The feeder 11 is a block having vertical openings therein adjacent to the side edges thereof to receive the vertical members of the hanger 10. The horizontal member of the hanger 10 is below the block or feeder 11, and the latter rests on such member when in its lowermost and normal position. The feeder is adapted to be moved up and down on the hanger 10, and to facilitate this operation said feeder is provided on the front side with a handle or knob 16. The material of which the feeder 11 is constructed, or, in any event, of which the back side thereof is constructed, should be of a nature which will readily form a frictional contact with or frictionally engage the paper in the package 1, when said feeder is pressed against said paper. To this end the feeder 11 may be made of rubber in some form, or may be provided with abrading material on the back side, when such feeder is constructed mainly of wood or material other than rubber.

In placing the package 1 in position in the holder, after the wire 2 has been prepared in the manner hereinbefore explained, the hanger 10 is held in its most forward position and while so held said package is placed against the backing 5, the hook 4 is attached to the apex of the depending part 14 of the support 9, and the ring 3 is slipped over the hook 8, or said hook 4 might be engaged with the hook 8 before forming the hook 4, and the forward terminal of said wire bent down over said part 14, then forming the hook 4. The package 1 is now suspended against the backing 5 by the wire 2 from the hook 8 and the support 9 in readiness for use.

In removing the paper from the package 1 a sheet at a time, the knob 16 is grasped and the feeder 11 elevated on the hanger 10 the position approximately shown by broken lines in Fig. 3, said hanger meanwhile being swung outward a little from the paper, and then said feeder is pushed back into contact with the paper and pressed or carried downwardly to the bottom of said hanger, with the result that the foremost sheet is carried downwardly with said feeder, into the broken-line position in Fig. 2, and left, being held in such position by the frictional contact with such sheet of the sheets behind and the feeder in front. The lower portion of the foremost sheet now extends below the bottom of the remaining sheets in the package 1 and even below the bottom of the backing 5, and can, therefore, be readily grasped with the thumb and finger and drawn from between said feeder and the sheets behind said foremost sheet. When the foremost sheet is moved down as the result of the contact therewith and movement of the feeder 11, said sheet is torn away from the wire 2. As the final act, the partially separated sheet is drawn downwardly clear of the package and holder with the hand. The actions are accomplished in such a manner that they are unaccompanied by any appreciable noise, which is not the case when a sheet of paper is removed in the ordinary way from a package. The operation of removing a sheet from the package 1 is repeated until all of the sheets have been removed or the package has become exhausted.

When all of the sheets have been removed, the wire 2 is removed from its supports and another package is placed in position in the holder in the same manner as before.

The feeder 11 has lateral lugs 17 through which the vertical or upright portions of the hanger 10 extend, but this is an immaterial feature.

More or less change in the shape, size, construction, and arrangement of some or all

of the parts in this appliance may be made without departing from the spirit of my invention, or exceeding the scope of what is claimed.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a holder of the class described, with a backing provided with front and rear supporting means for the suspension wire of a package of sheets of paper, of a hanger comprising side arms loosely mounted, in front of said backing, on certain of said means, and a feeder mounted on said arms to move up and down thereon, said feeder being adapted to contact with the foremost sheet of a package in said holder.

2. The combination, in a holder of the class described, with a backing adapted to support a package of sheets of paper, and provided with forwardly- and upwardly-extending supporting means, of a hanger comprising side arms loosely mounted on such inclined supporting means, and a feeder mounted on said arms to move up and down thereon, said feeder being capable of frictionally engaging the foremost of such sheets of paper.

3. The combination, in a holder of the class described, with a backing adapted to support a package of sheets of paper, and provided with forwardly- and upwardly-extending supporting means, of a U-shaped hanger having eyes at the tops of the vertical parts thereof, by means of which eyes said hanger is loosely mounted on such inclined supporting means, and a feeder slidingly mounted on said vertical parts of said hanger, said feeder being capable of frictionally engaging the foremost of such sheets of paper.

4. The combination, in a holder of the class described, with a backing provided with rear supporting means for the suspension wire of a package of sheets of paper, and with forwardly- and downwardly-extending arms connected by a depending part, which latter affords a support for the forward terminal of such wire, of a hanger loosely mounted on said arms, and a feeder slidingly mounted on the vertical parts of said hanger, and adapted frictionally to engage the foremost sheet of paper in such package.

5. In a holder, of the class described, a backing provided with supporting means for a package of sheets of paper, a feeder for said sheets, a hanger for such feeder such hanger comprising side arms upon which said feeder is mounted to slide, and means from which such arms at the top are supported, said last-named supporting means being attached to said backing and inclined to impart to said hanger with said feeder a tendency to approach said backing, whereby said feeder is normally retained in contact with the paper.

JOHN B. ISHAM.

Witnesses:
F. A. CUTTER,
F. E. MARTIN.