

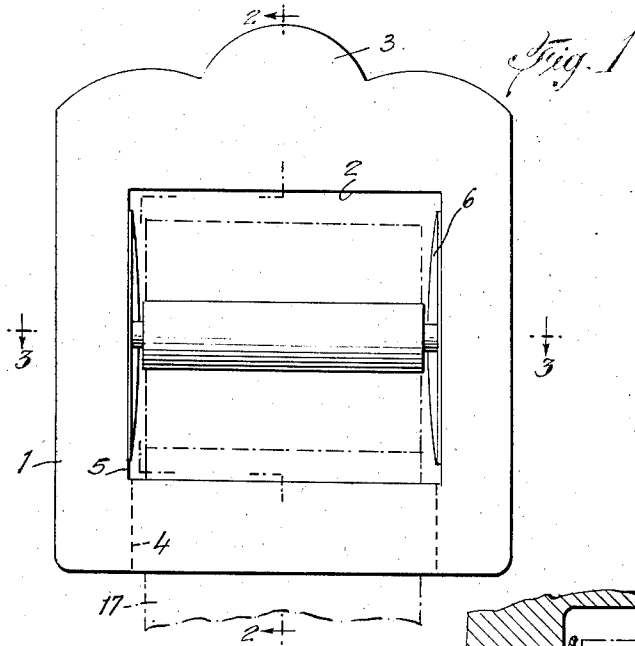
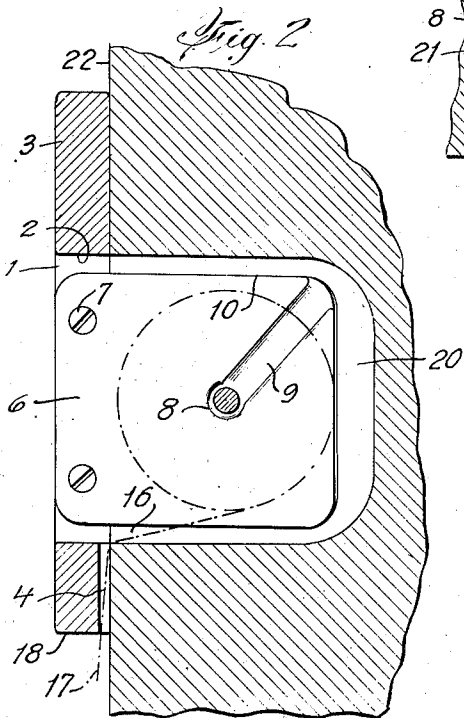
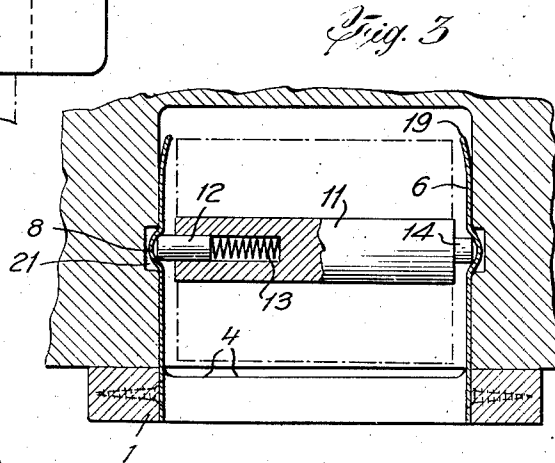
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DETACHABLE TOILET PAPER HOLDER

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DETACHABLE TOILET PAPER HOLDER

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The present invention is directed to a holder for toilet paper or the like, and more particularly to a device which as a unit may be introduced into a wall opening.

In the ordinary holder for toilet paper, there is provided a recess in the wall of the bathroom and a device for holding toilet paper is cemented in said opening permanently. The holder, which is usually of ceramic material, has two lateral depressions for the reception of a core of wood or the like, on which is mounted a roll of toilet paper. In attempting to introduce said core, which has a spring-pressed end, into the recesses in the ceramic material, difficulty is often encountered in that it becomes almost impossible at times to introduce the ends of the core into the proper positions in said depressed portions. Some attempts have been made to alter the construction of the holder in order to facilitate the introduction of the core containing the roll of paper, but such attempts have complicated the structure and have not given the desired results.

The present invention is intended and adapted to overcome the difficulties and disadvantages inherent in prior structures and to provide a holder for toilet paper and the like which is not a fixture, but is removable from the wall. It is also among the objects of the present invention to provide a structure of a holder which is adapted to be fitted into and made a part of the ordinary permanent holder now used.

It is still further among the objects of the present invention to provide a device which can be conveniently used for holding a roll of toilet paper and which may be snapped into position in the permanent holder in a bathroom.

In the practice of the present invention, I provide a frame having a rectangular opening, the size of which is approximately the size of the normal opening in the permanent bathroom fixture. Extending rearwardly from the lateral portions of the opening are resilient metallic plates which are intended to fit relatively closely to the sides of the bathroom fixture. Each of the plates has an outwardly depressed portion or boss, the depth of which is sufficient to firmly hold the ends of the core on which the roll of paper is retained. The inner or free edges of said plates may be slightly turned inwardly so as to facilitate the insertion of said plates in the opening of the bathroom fixture. There may also be provided downwardly extending grooves in said plates from the upper portion thereof, and communicating with the depressed portions or bosses. Such grooves facilitate the insertion of the core in position in

the bosses. There is further provided a recess in the bottom member of the frame at the rear thereof to provide a passageway for a sheet of paper issuing from the roll. Because of said recess, the paper is held in its proper position at all times and the lower edge of the frame provides an edge along which the paper may be torn.

In the accompanying drawing, constituting a part hereof and in which like reference characters indicate like parts:

Fig. 1 is a front view of a device made in accordance with the present invention and showing particularly the frame and the roll of paper in position for use;

Fig. 2 is a vertical, cross-sectional view taken along the line 2—2 of Fig. 1 and showing the relation between the device of the present invention and the normal bathroom fixture; and

Fig. 3 is a horizontal, cross-sectional view taken along the line 3—3 of Fig. 1, showing particularly the manner in which the device is inserted into and held by the bathroom fixture.

The device consists essentially of a frame 1 having an opening 2, rectangular in shape and of approximately the same size as the opening in the bathroom fixture. If desired, the upper edge 3 thereof may be made in any decorative form to enhance the appearance of the device. Along the lower bar of the frame is a groove 4 of sufficient depth and width to allow a space between the frame and the wall of the bathroom to enable the paper to freely move in said space.

Along the side edges 5 of opening 2 are plates 6, each of which is attached to one of the sides by suitable means, as screws 7. Punched centrally of each plate is a boss 8, the location thereof being opposite the recesses in the bathroom fixture. Grooves 9 extending from the upper portion 10 of the plates extend downwardly and communicate with the inside of bosses 8, providing a ready means for sliding a core into said bosses. A core 11 has a dowel 12 at one end, said dowel being urged outwardly by spring 13 within a recess in core 11. A fixed projection 14 similar to 12 is provided at the other end. A roll of toilet paper, or the like, is slipped over said core.

In order to introduce the device into the bathroom wall the assembled core and roll is so placed that the ends 12 and 14 are placed in the upper ends 10 of grooves 9 and the whole is slipped down into the depressed portions of bosses 8. This may be accomplished without any difficulty. The end 16 of the sheet of paper is threaded into recess 4 so that the extreme end 17 thereof is in a position below the lower edge 18 of frame 1. Said edge

provides a convenient means for fixing the plate at which the sheet is to be torn.

The frame is grasped in the hands and is slipped into the opening in the bathroom fixture, the initial movement being facilitated by the slightly inturned edges 19 of the plates. The movement is continued along the walls 20 of the opening until the bosses 8 enter into recesses 21 therein. Because of the resiliency of the metal of plates 6, the bosses snap into place and are firmly held therein. The position is such that the inner edge of the frame is in contact with the outer wall 22 of the bathroom.

In order to remove the device from the wall, it is merely necessary to grasp the frame and pull towards oneself, and the resiliency of the metal of plates 5 allows the same to be readily withdrawn. There is no tendency of the device to loosen or to accidentally be removed from the wall opening, as the friction of the engagement between the plates and the inner walls of the opening is sufficient to hold the same in operative position.

Although I have described the invention setting forth a single embodiment thereof, it will be apparent to those skilled in the art that various changes in the details of construction may be made within the scope of the invention. For instance, the character of the frame, the size and shape thereof, and other details, may be varied at will. In some instances, the grooves 9 may be omitted or additional grooves may be made, as for example grooves may be provided at the lower portions of the plates to provide additional bearing surfaces against the walls 20 of the bathroom fixture. The size and shape of the plates, the character of the recesses, and the manner in which the various parts are assembled, may be varied in accordance with established practice. The materials of construction may be any which are suitable for the purpose, and it may even be possible to use nonmetallic material for the plates 6, provided that the material has sufficient resiliency and strength.

These and other variations in the details of the invention may be made without departing from the spirit thereof, and the scope of the invention is not to be limited except by the character of the claims appended hereto.

What I claim is:

1. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use.

2. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, the rear face of the lower portion of

said frame having a recessed portion therein to provide space for a sheet of toilet paper, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use.

3. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, guide grooves in said plates extending from the upper sides thereof and into said depressed portions, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use.

4. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, the free edges of said plates being turned inwardly to facilitate insertion of said device into an opening, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use.

5. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use including outwardly extending bosses on said plates adapted to resiliently fit into depressed areas in said wall opening.

6. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use, the dimensions of said frame opening being the same as those of said wall opening.

7. A device for holding toilet paper which comprises a frame having a rectangular opening therein, a resilient plate attached to each of the lateral sides of said opening, said plates extending rearwardly of the face of said frame, depressed portions in said plates adapted to support between them the ends of a core having toilet paper thereon, and means on said plates for frictionally engaging the sides of a wall opening for retaining said device in position for use, the dimensions of said frame opening being the same as those of said wall opening and the rear face of said frame being adapted to fit flush against said wall.

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