(No Model.)

J. N. MOEHN.

OVAL HOLDER FOR TOILET PAPER.

No. 604,774. Patented May 31, 1898.

Fig. 1.

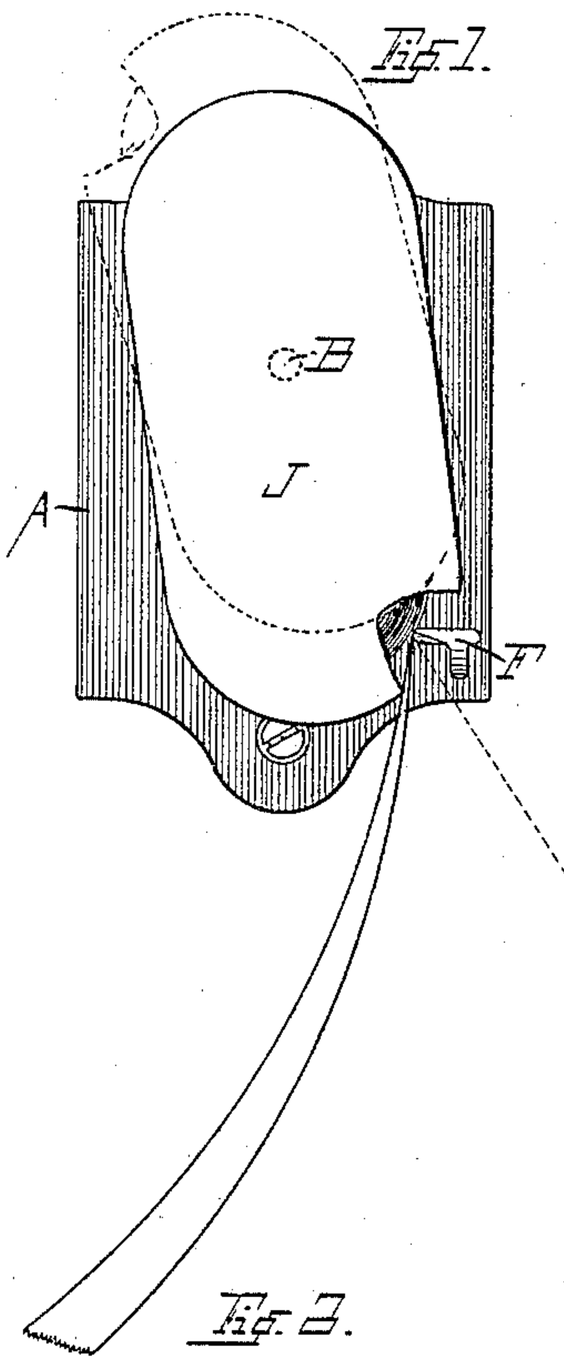


Fig. 2.

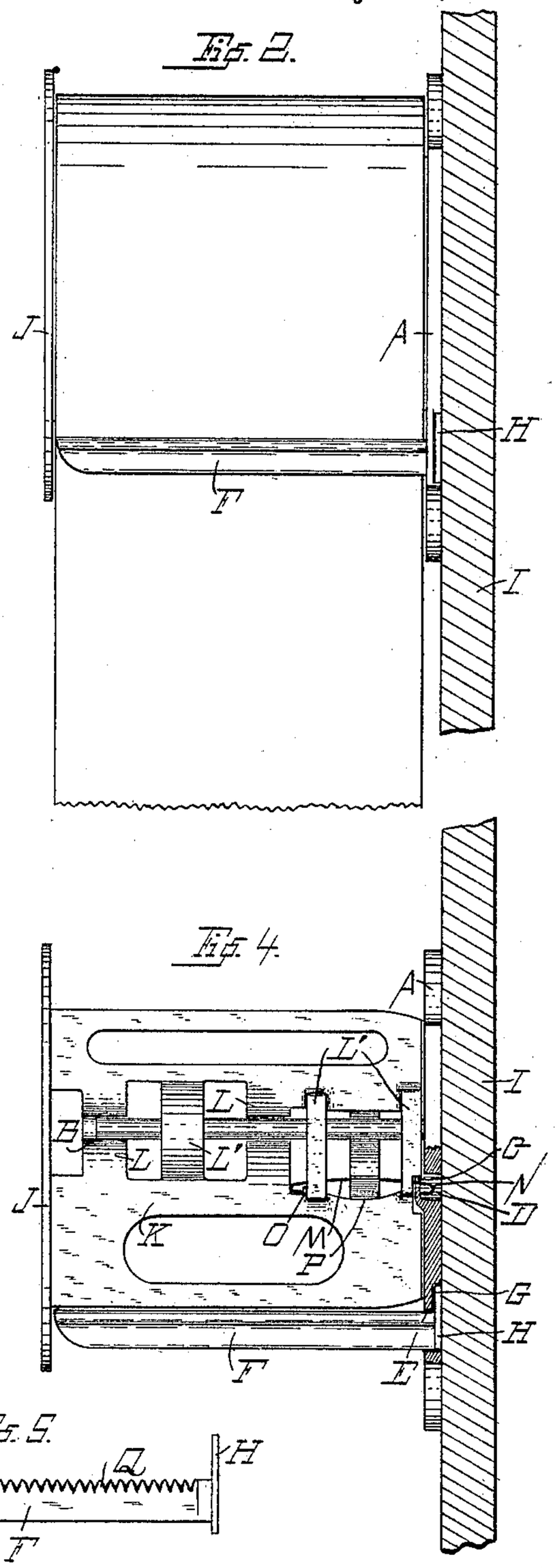


Fig. 3.

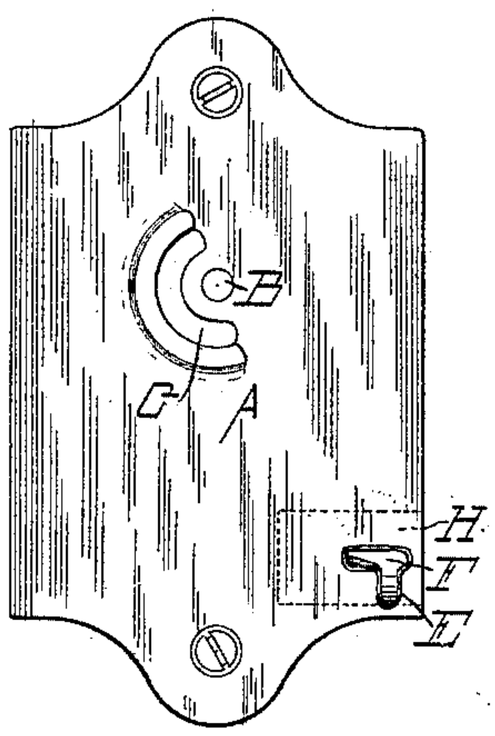
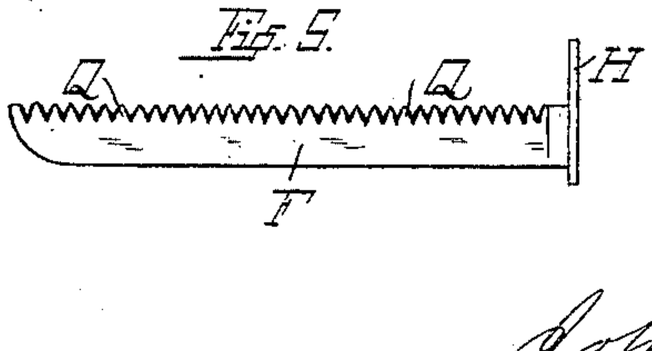


Fig. 4.

Fig. 5.



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OVAL HOLDER FOR TOILET-PAPER.

SPECIFICATION forming part of Letters Patent No. 604,774, dated May 31, 1898.

Application filed September 7, 1897. Serial No. 650,748. (No model.)

To all whom it may concern:

Be it known that I, JOHN N. MOEHN, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Oval Holders for Toilet-Paper, of which the following is a specification.

My invention relates to improvements in oval holders for toilet-paper.

The object of my invention is to simplify the construction and reduce the cost thereof.

In the following description reference is had to the accompanying drawings, in which—

Figure 1 is an elevation showing the front end of my invention in use, with dotted lines indicating the position of the roll when the sheet is detached. Fig. 2 is a side view drawn on the side which carries the separating-bar. Fig. 3 is a front view of the wall-plate with the paper-holder detached. Fig. 4 is a side view of my invention with the wall-plate drawn in section to show the engagement of the holding-catch. Fig. 5 is a detail top view of the separating-bar removed from the wall-plate.

Like parts are identified by the same reference-letters throughout the several views.

A wall-plate A is provided with a projecting pivot-rod B, a curved guide-slot C, a guide-channel D in its rear surface conforming to the curve of the slot C, an aperture E, through which a toothed separating-bar F is adapted to project, and a recess G in its rear surface, in which a flange H, carried by the bar F, is adapted to fit. The flange H is held in the recess by the wall I or other supporting-surface and supports the bar rigidly in its projecting position.

An end plate J, preferably oval in form, is provided with an open frame K, having bars L L′ offset to the right and left, respectively, and affording a bearing for the supporting pivot-rod B on a line above the longitudinal center of the frame. The frame and end plate are thus eccentrically hung upon the pivot-rod and when rotated will automatically return to the position in which they are shown in Fig. 1.

For holding the frame upon the pivot-rod I have provided an elastic holding-catch M, having one hooked end N adapted to project through the slot C and engage elastically in the guide-channel D, the catch being held in the frame between the offset bars L L′ and arranged to bear against the shoulders O and P.

It will be observed that with the construction described the catch may be sprung elastically into position in the frame K and held in place without screws or rivets, and as it projects through the slot D the slot ends serve as stops to limit the rotation of the frame upon the pivot-rod; also, that as the only portion of the catch that can be reached when the fixture is in position for use is covered by the paper-roll the catch cannot be disengaged from the guide-channel D for the removal of the frame until the paper has been wholly withdrawn.

Inasmuch as the separating-bar is held in position by the flange H, engaged between the wall-plate and its supporting-surface, it is evident that my entire device, with the exception of the pivot-rod, may be formed of castings and put together without screws, bolts, or rivets, thus saving much work in finishing.

The frame is removed from the wall-plate, inserted in the roll, and then replaced upon the pivot-rod and rotated until the catch registers with the slot, when, by pressure applied to the end plate, the hooked end of the catch yields and presses through the slot and engages in the channel D, thus locking the parts together. The paper is withdrawn by pulling on the sheet which hangs over the toothed edge Q of the separating-bar in the usual manner.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of a wall-plate provided with a projecting pivot-pin and separating-bar and having a curved slot therein, bordered by a guide-channel formed in its rear surface, of a cast frame formed with right and left offset bars between which the pivot-rod is engaged and a catch connected with said frame and provided with a hooked end adapted to project through said slot and engage in the guide-channel, substantially as described.

2. The combination of a wall-plate provided with a projecting pivot-pin and separating-bar and having a curved slot therein, of a

cast frame formed with right and left offset bars between which the pivot-rod is engaged, and a spring-catch provided with hooked ends engaged between said offset bars, lugs projecting from said frame and bearing upon said catch at the center and at one of said hooked ends respectively, whereby the catch is held in said frame with one end projecting and adapted to be inserted through the slot in the wall-plate, and to engage against the rear surface of the plate, substantially as described.

3. The combination of a wall-plate provided with a projecting pivot-pin and having a curved slot therein, together with an aperture for the separating-bar, and a recess in the rear surface of the plate around said aperture, a toothed separating-bar adapted to be inserted through said aperture and provided with a flange adapted to fit into the recess, a cast paper-holding frame provided with offset bars between which the pivot-pin engages, and a holding-catch adapted to project through the curved slot in the wall-plate and to engage against the rear surface thereof, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

JOHN N. MOEHN.

Witnesses:
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