

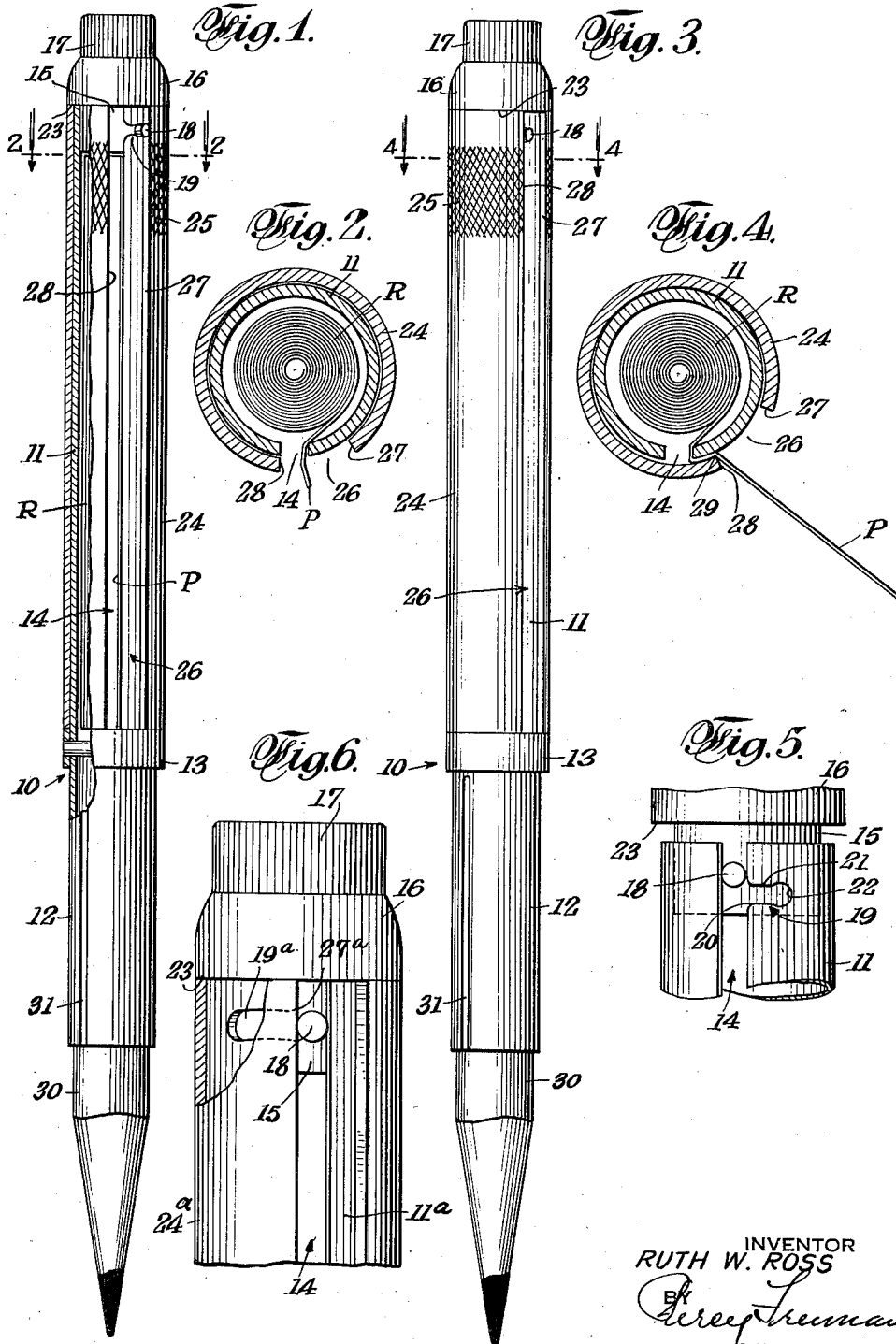
March 16, 1937.

R. W. ROSS

2,073,719

PAPER DISPENSER

Filed July 2, 1936



INVENTOR
RUTH W. ROSS

BY *Herbert Treuman*
ATTORNEY

UNITED STATES PATENT OFFICE

2,073,719

PAPER DISPENSER

Ruth W. Ross, New York, N. Y., assignor to R. W. Ross Manufacturing Corporation, New York, N. Y., a corporation of New York

Application July 2, 1936, Serial No. 88,571

4 Claims. (Cl. 242—55.2)

This invention relates to a paper holder and dispenser for association with a writing implement and has for its major object the provision of a simple, light, inexpensive device affording, in one unitary instrument, the necessary means with which an inscribed sheet may be produced.

Prior attempts to provide a practical instrument of this or similar character, have fallen short of the realization of a foolproof device which would not be discarded after a short period of attempted use. One common fault in the prior structures lies in the lack of means for insuring ready access to the writing paper housed in the holder. More often than not, the free end of this paper would inadvertently fall within the holder which had to be disassembled so said free end could be placed where accessible.

Hence an important object of the invention is to provide a holder in which the paper therein is readily accessible at all times.

Another important object is to provide simple means for guiding the user in manipulating the device to insure proper use thereof.

A further object is to provide in a paper roll holder, means for severing paper from the roll at a point spaced considerably from the exit slot of its immediate container so that a portion of the paper strip will always be extended beyond the said exit slot to be made accessible for grasping to draw more paper from the holder.

A further feature resides in the manner of retaining a roll of paper within the housing. The above and other objects, features and advantages of the invention will become more clearly apparent from the following detailed specification in which is described a preferred form of the invention as illustrated in the accompanying drawing, in which:

Fig. 1 is an elevational view, partly in section, of an instrument as at present contemplated, the device being shown as ready for the removal of some of the paper roll.

Fig. 2 is an enlarged cross-sectional view as taken on the line 2—2 of Figure 1.

Fig. 3 is an elevational view of the device as closed and after removal of a portion of the paper roll.

Fig. 4 is an enlarged cross-sectional view, similar to Figure 2, but with the removed paper portion ready to be severed from the roll.

Fig. 5 is a fragmentary detail view of means for retaining the paper roll within the holder.

Fig. 6 is a broken view of the top portion of an alternate form of instrument.

The holder 10 comprises a preferably metallic

tube having end portions 11 and 12 separated by a fixed collar or the like 13, one edge of which serves as a shoulder, the purpose of which will presently appear.

The tube portion 11 is formed with a longitudinal slot 14, and its free end is adapted to receive the shank or plug 15 of a cap portion 16, said cap portion being preferably arranged to carry an eraser or similar device 17.

The cap plug 15 is formed with a radially projecting pin or lug 18 which is enterable in a slot 19 opening into the slot 14. The slot 19 is preferably formed with a wide throat 20, a portion 21 somewhat narrower than the diameter or width of the pin 18, and a seat 22 of substantially the size of said pin.

As is apparent from Figure 5, the cap may be assembled to the holder by passing the pin 18 down in the slot 14 until it is opposite the throat 20, and then turning the cap so the pin is forced along the narrower slot portion 21 until said pin engages in the seat 22. The cap is thus held securely on the holder, yet being readily removable therefrom upon reverse rotation in relation to said holder.

The cap 16 is formed with a shoulder 23 which is arranged to overstand one end of a sleeve 24 which encircles the tube portion 11, the other end of said sleeve being engaged against the collar 13.

The sleeve 24 is arranged for easy rotation about the tube and is provided with a hand or finger gripping surface as at 25 to insure easy manipulation.

The sleeve 24 is also formed with a longitudinal slot 26 somewhat wider than the slot 14 in the tube and the mentioned pin 18 is of sufficient length to engage against the walls 27 and 28 of the slot 26.

In use, the cap 16 is removed so a roll of paper R may be placed within the tube 11, care being taken, however, to have the free end of the roll projecting from the slot 14, substantially as shown in Figure 2. The cap is now replaced and the wall 28 of the sleeve 24 is moved against the pin 18. If there is an excess of paper projecting beyond this wall, it is removed by tearing along said wall at 29. It will be noted that the paper roll is not carried on any spindles, but is free to assume its position within the hollow of the holder. It may either expand or retain its tight wound condition, without affecting the operation of the instrument.

When a piece of paper is wanted, the sleeve

is moved so its wall 27 engages the pin 18. This condition is shown in Figures 1 and 2. The paper end P is now free to be grasped and pulled to the length desired. The sleeve 24 is now re-rotated to its initial position with its wall 28 against the pin 18. This condition is shown in Figures 3 and 4. The paper end P may now be removed by tearing along the edge 29 as previously disclosed.

It will be noted that the remaining free end of the paper is gripped between the sleeve and tube and, therefore, cannot inadvertently fall back into the roll chamber of the tube. Also, this paper end is thus provided with folds or creases as it is trained through the slot 14 and these folds or creases also serve to prevent the paper end from falling into the roll chamber when the sleeve 24 is moved to the position shown in Figure 2.

A simple manner of insuring the securing of a pencil 30 in said holder is to slit the tube portion 12 as at 31 to provide said portion with gripping resiliency. The tube portion 12 may also be arranged to house a mechanical pencil mechanism, if desired.

In order to insure that a sufficient amount of paper protrudes through the slot 14 and yet not necessitating the forming of the sleeve slot 26 of too great a width, the design shown in Figure 6 may be employed. In this form the pin 18 is arranged to be readily moved out of its slot 19^a by the wall 27^a of the tube 24^a to uncover the slot 14 and as the tube 24^a is turned to move the pin 18 back into the slot 19^a, a considerable amount of paper is gripped between the inner wall of the sleeve 24^a and the outer wall of the tube 11^a. It is therefore apparent that because of the increased travel of the sleeve 24^a, a greater amount of paper is afforded for ready grasping.

While the device has been described as for dispensing memo paper, it is obvious that a web or wound strip of any other type and for many other purposes may be dispensed from the device, as for instance, postage stamps, bridge scores, facial tissue, etc., etc. If it be desired to hold a roll of facial tissue, the holder may be combined with a lipstick instead of the writing implement.

From the foregoing it is apparent that a simple combination instrument has been provided, but

while disclosed in its present preferred embodiments, many immaterial changes in the construction, arrangement and proportion of the parts, may be made by those skilled in this art, hence the scope of the invention is intended to be limited only by the scope of the following claims.

I claim:—

1. A device of the character described comprising a tube having an intermediate shoulder, a sleeve on said tube, said tube and sleeve being coextensively slotted through to one end thereof, and a cap engageable in the end of the tube to close the ends of said slots, said cap having a portion for positioning said sleeve between said shoulder and cap.

2. A device of the character described comprising a tube having an intermediate shoulder, a sleeve on said tube, said tube and sleeve being coextensively slotted, a cap engageable in the end of the tube and having a portion for positioning said sleeve between said shoulder and cap, said sleeve being adapted for rotatable movement about said tube, and means projecting from the side of the tube into the slot of said sleeve for engaging the edges of said slot.

3. A device of the character described comprising a slotted tube adapted to receive a roll of paper, a slotted sleeve around said tube and coextensive therewith, and means in removable engagement with the tube and having an abutment for engagement with the walls of the slot in the sleeve adjacent one end thereof for definitely limiting the rotation of said sleeve on said tube.

4. A device of the character described comprising a tube having an abutment intermediate its length, said tube being longitudinally slotted from the abutment to one end, a sleeve on said tube coextensive with said slot, said sleeve being longitudinally slotted for its entire length, a cap removably engageable in the end of said tube and having a shoulder for retaining said sleeve on said tube, said cap being also adapted for retaining a roll of paper within the hollow of said tube, and means carried by the tube engageable with the walls of the slot in the sleeve for limiting the relative rotation of the tube and sleeve for uncovering the slot in the tube and for covering said slot.

RUTH W. ROSS.