

(No Model.)

G. McELWAIN.
PENHOLDER.

No. 479,522.

Patented July 26, 1892.

Fig. 1.

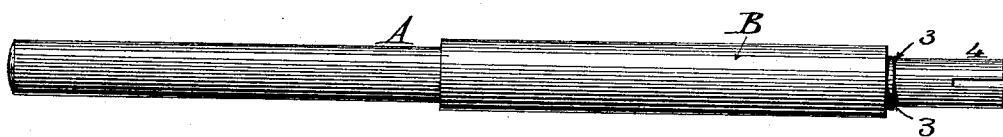
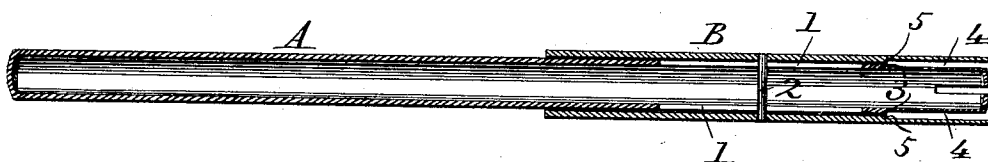


Fig. 2.



Witnesses:

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by his attorneys,
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UNITED STATES PATENT OFFICE.

GEORGE MCELWAIN, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
JULIAN KUNE, OF SAME PLACE.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 479,522, dated July 26, 1892.

Application filed January 18, 1892. Serial No. 418,400. (No model.)

To all whom it may concern:

Be it known that I, GEORGE MCELWAIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Penholders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to that class of penholders in which the pen is held between the fixed portion of the holder and a sliding sleeve in such manner that the pen may be discharged by moving the sleeve, thereby avoiding the necessity of touching the pen with the fingers and soiling them.

The object of the invention is to construct a penholder of the character in which the pen may be discharged by either moving the sleeve forward or moving it backward; and it consists in combining with a stem a sleeve mounted on the forward end of the stem to slide backward and forward, said sleeve so constructed that it will positively eject the pen on its forward movement and uncover the same on its rearward movement and permit its discharge.

The invention also consists in the details of construction and combination of parts hereinafter described and claimed.

In the accompanying drawings, Figure 1 represents a side elevation of a penholder embodying my invention. Fig. 2 is a longitudinal section through the forward portion of the same.

Referring to the drawings, A represents a stem of any suitable material and preferably hollow, which is provided near its forward end with a longitudinal slot 1, extending through the same from side to side and terminating within a short distance of its forward end.

B represents a sleeve surrounding the stem and mounted on the forward end of the same to slide backward and forward. This sleeve is guided on the stem and limited in its movements by a transverse pin 2, fixed at its ends in the opposite sides of the sleeve and extending through the slot normally midway between its ends. Near its extreme forward end the

stem is reduced in diameter, forming an annular shoulder 3, adapted to encumber the end of the pen and prevent the same from accidentally moving backward with the sleeve. The sleeve is enlarged interiorly at its forward end, forming an annular shoulder 5, which is adapted as the sleeve is moved forward to come in contact with the end of the pen and push the same forward. Under this construction it will be seen that an annular socket 4 is formed for the pen between the sleeve and the stem. The relative location and arrangement of the stem, sleeve, and pin is such that when the pin is midway between the ends of the slot—the normal position of the sleeve—the two annular shoulders will be in line and the pen-socket is formed between the stem and sleeve. If, however, the sleeve is moved forward, assuming that a pen is in the socket, the shoulder 4 will encumber the same, and on the continued movement of the sleeve the pen will be pushed forward until it is finally ejected. If, on the other hand, the sleeve is moved backward from its normal position, its forward end will be caused to uncover the pen, and the latter will be permitted to drop from the stem.

It is to be understood that the details of my invention may be variously modified within reasonable limits, the essence of the invention residing in the combination, with a stem, of a sleeve mounted thereon to slide backward and forward to positively eject the pen on its forward movement and to permit the discharge of the same on its rearward movement.

Having thus described my invention, what I claim is—

1. In a penholder, the combination, with the stem, of the sleeve mounted thereon to slide backward and forward, said sleeve constructed and arranged to positively eject the pen on its forward movement and to permit the discharge of the same on its rearward movement, substantially as described.

2. In a penholder, the combination, with the stem provided near its forward end with a slot, of a sleeve surrounding the stem and a transverse pin fixed to the sleeve and extending through the slot normally midway between its ends, whereby the sleeve may be moved to the

rear and expose the forward end of the stem and also moved forward beyond the same.

3. In a penholder, the combination, with the stem provided near its forward end with a shoulder, of a longitudinally-sliding sleeve mounted on said stem and provided near its forward end with the interior shoulder, said sleeve constructed and arranged to positively eject the pen on its forward movement and to permit the discharge of the same on its rearward movement, substantially as described.

4. In a penholder of the type herein described, the combination, with the stem hav-

ing its forward end reduced to form an annular shoulder, of the sleeve mounted on said stem to slide backward and forward, said sleeve enlarged interiorly near its forward end to form an annular shoulder, substantially as described.

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

GEORGE MCELWAIN.

Witnesses:

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