R. B. WARD.

PENHOLDER.

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948,910. Patented Feb. 8, 1910.

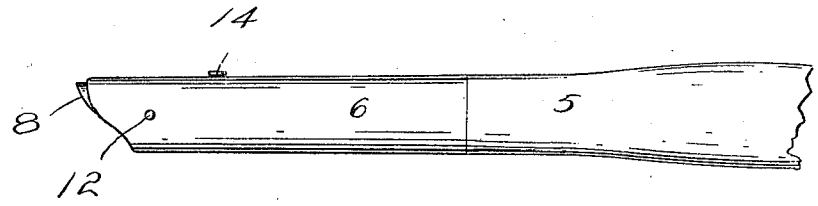

Fig. 1.

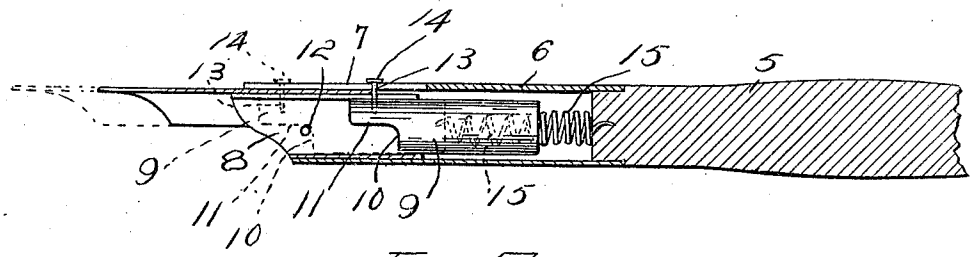

Fig. 2

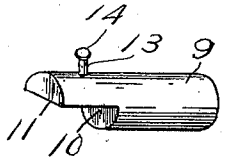

Fig. 3

Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT B. WARD, OF CANTON, MISSISSIPPI.

PENHOLDER.

948,910. Specification of Letters Patent. Patented Feb. 8, 1910.

Application filed June 29, 1908. Serial No. 440,930.

To all whom it may concern:

Be it known that I, ROBERT B. WARD, a citizen of the United States, residing at Canton, in the county of Madison, State of Mississippi, have invented certain new and useful Improvements 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.

This invention relates to pen holders and more particularly to that class which are so constructed that the pen held thereby may be readily ejected when it becomes useless.

The primary object of the invention is to provide a pen holder of this class which may be manufactured at an extremely low cost and sold for a small sum, this object being attained through simplification of construction.

In the accompanying drawings, Figure 1 is a view in elevation of the pen holder embodying my invention, Fig. 2 is a vertical sectional view therethrough, the ejecting device being shown in normal position in full lines and in ejecting position in dotted lines, and, Fig. 3 is a detail perspective view of the ejecting device removed from the holder.

In the drawings, the staff of the holder is indicated by the numeral 5 and the usual sleeve which is fitted upon the staff, by the numeral 6, the said sleeve being formed with a slot 7 the function of which will be presently made clear. Within the sleeve 6 there is arranged the usual split pen gripping member 8. The ejecting device is in the form of a pin 9 which is slidably received in the said sleeve of the holder and which is formed with an undercut portion 10 which results in a shoulder 11. The pin 9 is preferably of the same diameter through its body as the interior diameter of the sleeve and secured through the sleeve and extending transversely thereof is a pin 12 which is received in the undercut of the pin 9, it being understood that the sliding movement of the ejecting pin 9 in the direction of the extremity of the sleeve is limited by the contacting of the shoulder 11 with the transverse pin 12, the movement of the ejecting pin in the opposite direction being limited by the lower extremity of the pen holder staff 5. The pin 9 being of the same diameter as the interior diameter of the sleeve prevents the ink from working up into the portion of the penholder behind the pin and clogging and rusting the mechanism hereinafter described as therein contained.

In order that the pin 9 may be slid in the direction of the extremity of the sleeve in which it slides, there is formed or fixed upon the said pin a finger stud 13 which projects through the slot in the sleeve and is formed with a head 14 with which the finger nail may be engaged.

In use, the pen is inserted into the sleeve so that its butt end abuts against the finger stud 13 and when it is desired to eject the pen from the holder, the ejecting pin is slid in the direction of the extremity of the sleeve, the stud forcing the pen from engagement in the sleeve.

In connection with the ejecting pin of the holder, I have provided means whereby the pin will be automatically returned to normal position after it has been moved to eject the pen from the holder and this means is embodied in a spring 15 which is engaged upon the said pin and which bears at one end against the transverse pin of the device and at its other end against the lower end of the staff of the holder.

What is claimed is:

1. A device of the class described comprising a staff, a sleeve fitted upon the staff, the said sleeve being formed with a slot extending longitudinally of the top, an ejecting pin slidably received in the said sleeve and having an undercut arranged to form a transverse shoulder, a stop pin held in said sleeve and extending from side to side thereof for limiting the movement of the ejecting pin in one direction, and extending into the undercut of the ejecting pin beneath the shoulder thereof when the ejecting pin is in its forward position, a spring connected to the ejecting pin and staff for returning the ejecting pin to normal position, and a finger stud upon the said ejecting pin and projecting through the slot in the sleeve.

2. A device of the class described comprising a staff, a sleeve fitted upon the staff, the said sleeve being formed with a slot extending longitudinally of the top thereof, a solid cylindrical ejecting pin slidably received in said sleeve and fitting closely therein, said ejecting pin having an undercut portion forming a transverse shoulder extending

from side to side of the sleeve, a stop pin for limiting the movement of the ejecting pin in one direction, the said stop pin extending into the undercut of the ejecting pin beneath the shoulder thereof when the said ejecting pin is in its forward position, a spring connecting the ejecting pin and staff for returning the ejecting pin to normal position, and a finger stud upon said ejecting pin and projecting through the slot in the sleeve.

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

ROBERT B. WARD.

Witnesses:
B. L. ROBERTS,
GRUM MORTIMER.