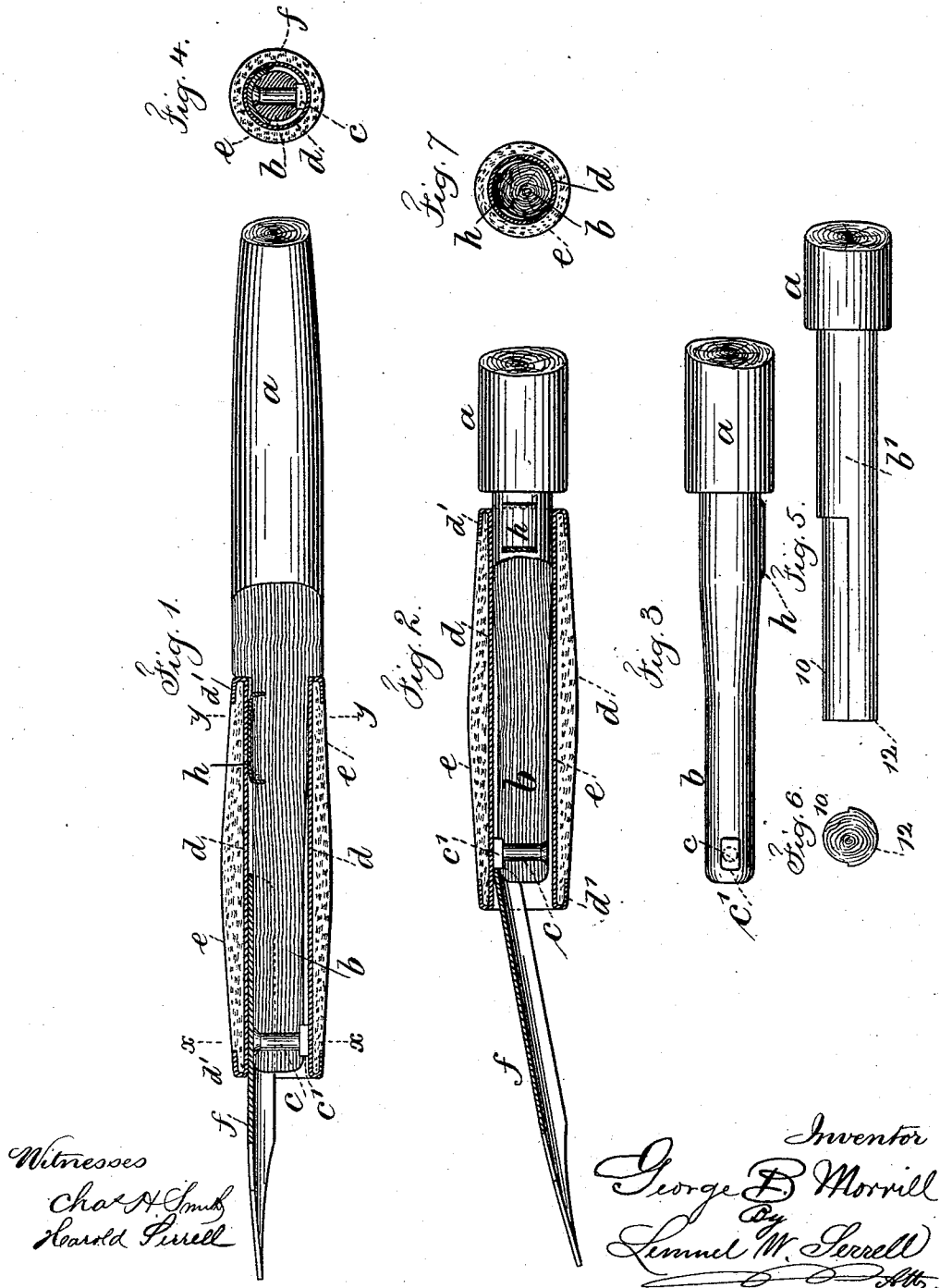


(No Model.)

G. B. MORRILL.
PENHOLDER.

No. 487,035.

Patented Nov. 29, 1892.



UNITED STATES PATENT OFFICE.

GEORGE B. MORRILL, OF EAST ORANGE, NEW JERSEY.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 487,035, dated November 29, 1892.

Application filed September 26, 1892. Serial No. 446,888. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. MORRILL, a citizen of the United States, residing at East Orange, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Penholders, of which the following is a specification.

With the ordinary penholders in general use it is difficult to remove an old worn-out pen without soiling the fingers, and these penholders are not agreeable to hold because of the metal pen-holding ends, which are grasped between the fingers; and the object of my invention is to overcome such objections.

In carrying out my invention I employ a wooden handle with a reduced end or tenon, around which tenon is a removable sleeve, of cork, rubber, or similar material, with a tubular sleeve or lining of metal, and I employ a pin passing through the end of the tenon and having a projecting head, so as to be brought into engagement with the inner end of an old pen to eject the same when desired. The sleeve, of cork or rubber, is strengthened by the inner sleeve of metal, and the two are connected by tongues of metal, formed as continuations of the respective ends of the sleeve and bent over upon the sleeve of cork or rubber. I may employ a longitudinally-disposed spring of metal on the tenon to hold the removable sleeve in place when there is no pen in the handle.

In the drawings, Figure 1 is a longitudinal section and partial elevation with the pen in place. Fig. 2 is a similar view in the act of ejecting a pen. Fig. 3 is a plan of the tenon and end of the handle. Fig. 4 is a cross-section at $x x$ of Fig. 1. Figs. 5 and 6 illustrate a modification by an elevation and end view, and Fig. 7 is a section at the line $y y$ of Fig. 1.

a represents the wooden handle, and b the reduced end or tenon tapering slightly to the end. A pin c passes through the tenon near its outer end and the same is provided with a projecting end or head c' .

d is a metal sleeve adapted to fit over and surround the tenon b , and e is a sleeve, of cork, rubber, or other similar material, around and

fitting over the metal sleeve d , and these parts are securely connected together by turned-over portions or tongues of metal d' , which are continuations of the respective ends of the sleeve of metal d . These are bent over upon the surface of the sleeve e in securing the parts together. The metal sleeve strengthens the sleeve of cork or similar material, and this outer sleeve e is agreeable to the fingers in grasping the penholder. When the pen is in the holder, the connected sleeves are held frictionally upon the tenon; but I may prefer to employ the spring-plate h , secured in the tenon near its junction with the handle a .

Fig. 1 illustrates a pen in place in the holder. When it is desired to remove this pen without soiling the fingers, the connected sleeves are separated from the tenon, which leaves the pen held frictionally in the sleeves. The tenon and handle are now given a half-rotation and the tenon inserted in the sleeves. This brings the head c' into contact with the back end of the pen and the further movement in the same direction pushes the old pen out, as shown in the drawings, Fig. 2, when the holder is ready to receive a new pen and the fingers are not soiled.

The modification shown in Figs. 5 and 6 consists in making the tenon b' with parallel sides and with a semicircular reduced portion or pen-receiving depression 10 at the end thereof. With this construction the tenon end 12, of full size, acts the same as the head c' in ejecting an old pen when brought up behind the back of the pen in a manner similar to that already described.

I claim as my invention—

1. The handle portion a and tenon b , having a projection or pin, in combination with a removable sleeve adapted to fit over said tenon and to be removed with an old pen and replaced so as to bring the projection in operation in ejecting the old pen, substantially as set forth.

2. The handle portion a and tenon or reduced end b , having a pin at the outer end, in combination with the connected tube or sleeve d and the sleeve e , adapted to fit over said tenon and to be removed with the pen

and replaced so as to bring the projection into operation in ejecting the old pen, substantially as set forth.

5 3. The metal sleeve *d* and surrounding sleeve *e*, of cork, rubber, or similar material, connected together by the bent-over portions *d'*, in combination with the handle portion *a* and tenon *b*, having a pin or projection and over which tenon said connected sleeves fit

and are frictionally held, the parts being constructed and operating substantially in the manner and for the purposes set forth.

Signed by me this 21st day of September,
A. D. 1892.

GEORGE B. MORRILL.

Witnesses:

GEO. T. PINCKNEY,
B. W. MORRILL.