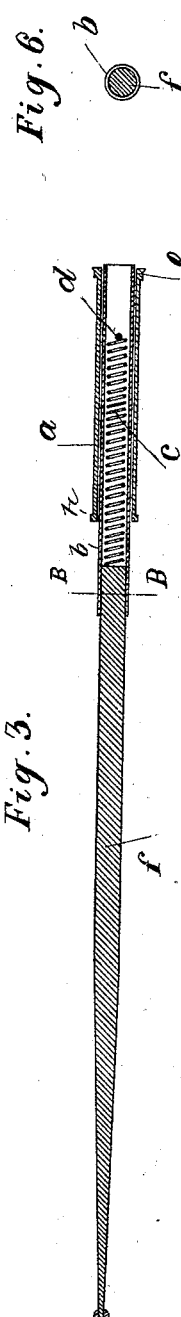
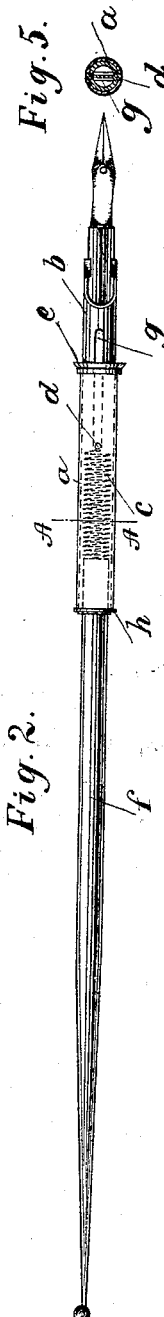
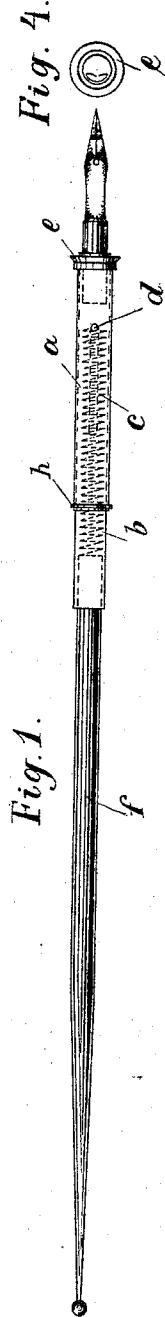


(No Model.)

F. KNADE.
PEN HOLDER.

No. 422,805.

Patented Mar. 4, 1890.



Witnesses.
C. Sedgwick
J. M. Ritter

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UNITED STATES PATENT OFFICE.

FERDINAND KNADE, OF Breslau, Prussia, Germany.

PEN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 422,805, dated March 4, 1890.

Application filed October 8, 1889. Serial No. 326,322. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND KNADE, a subject of the King of Prussia, and a resident of Breslau, in the Kingdom of Prussia and Empire of Germany, have invented a new and useful Improvement in Pen-Holders, of which the following is a full, clear, and exact description.

This invention relates to pen-holders; and it consists in providing at the end of the holder which carries the pen a longitudinally-movable spring-pressed sleeve to prevent soiling of the user's fingers by ink taken up by the pen when dipped into the ink-receptacle.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference designate corresponding parts in the several views.

Figure 1 is a top view of the pen-holder, showing the position of the sleeve when the holder is used in writing. Fig. 2 is a similar view of the same, showing the position of the sleeve when the pen is dipped into the ink-receptacle. Fig. 3 is a longitudinal section of the pen-holder. Fig. 4 is an end elevation of the pen-holder, looking from the nib of the pen. Figs. 5 and 6 are transverse sections of the same, taken, respectively, on the lines A A in Fig. 2 and B B in Fig. 3.

Referring to the drawings, *a* is the protective sleeve, which is loosely fitted upon the tubular part *b*, constituting the lower end of the pen-holder *f*, said part *b* being provided with suitable catches or clips to hold the pen in the usual manner. A spiral spring *c* is contained within the part *b*, which part has a longitudinal slot *g*, through which a pin or stud *d*, carried by the sleeve *a*, passes, so as

to be capable of acting upon the spring to compress it, as shown in Fig. 2. At the forward or lower end of the sleeve *a* is formed a collar or rim *e*, which prevents the fingers of the writer from sliding upon the part *b* of the holder.

When the pen is to be dipped into the ink, the writer draws back the sleeve *a*, compressing the spring *c* against the solid end of the holder *f*, as shown in Fig. 2, and when the ink has been taken up the sleeve is released and is carried forward again by the reaction of the spring into the position shown in Fig. 1. It will thus be seen that should the tubular part *b* be soiled in dipping the pen in the ink the fingers of the writer are prevented from coming in contact therewith by reason of the interposition of the sleeve *a*.

To facilitate the drawing back of the sleeve, it has or may have formed at its rear or upper end a rim or flange *h*, as shown.

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

A pen-holder with ink-protection mechanism, consisting of the tube *b* on the lower end of the staff, the sleeve *a*, which slides on the hollow part *b* of the pen-holder and provided with a protecting-rim at its lower end, and the spring *c*, pressing the sleeve toward the lower end of the tube and adapted to be drawn back by the thumb while dipping the pen into the ink, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

FERDINAND KNADE.

Witnesses:

MAX OPITZ,

WILHELM RENNER.