No. 646,071. Patented Mar. 27, 1900.

B. B. GOLDSMITH.

PENHOLDER.

(Application filed Aug. 8, 1899.)

(No Model.)

Fig. 1

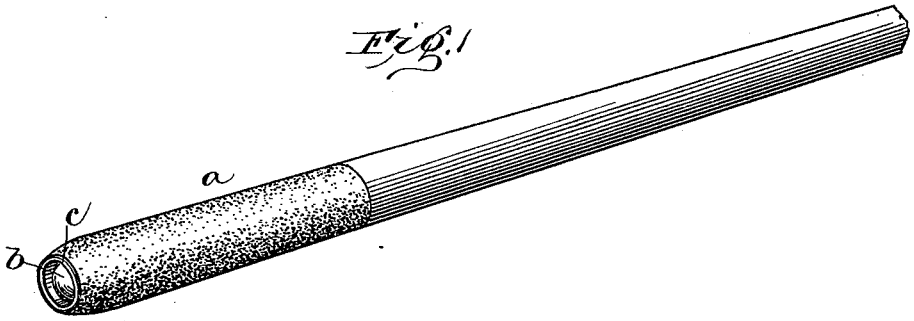
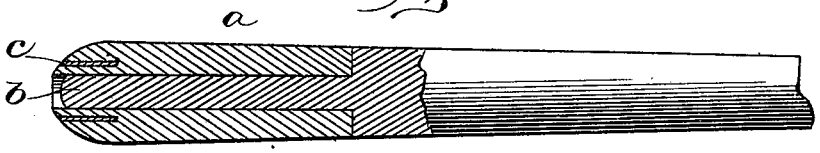


Fig. 2



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UNITED STATES PATENT OFFICE.

BYRON B. GOLDSMITH, OF NEW YORK, N. Y.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 646,071, dated March 27, 1900.

Application filed August 8, 1899. Serial No. 726,541. (No model.)

To all whom it may concern:

Be it known that I, BYRON B. GOLDSMITH, a citizen of the United States, and a resident of New York, in the county and State of New York, have invented certain new and useful Improvements in Penholders, of which the following is a specification.

The object of my invention is to improve the construction of a penholder in order to increase its strength and utility, while at the same time rendering the same lighter and cheaper of construction.

To this end my invention consists in a penholder having a strengthening-annulus embedded in the material thereof and surrounding, but not constituting, the wall of the pen-socket.

In the drawings, Figure 1 is a perspective view of my penholder, and Fig. 2 a section thereof.

The penholder has a finger-hold *a*, of cork, rubber, or other suitable material, in the socket of which is a tenon *b*, of usual construction. In the material of the finger-hold *a* is embedded an annulus *c*, of metal or other strengthening material. In case the finger-hold is of cork or the like it can be recessed by means of suitable tools, and the annulus can then be pushed in place and cemented therein, if desirable; but should the finger-hold be made of rubber or other composition the annulus may be embedded therein at a certain point in its manufacture, so that when the finger-hold is finished the annulus will be firmly held in its proper place. In the case of rubber the annulus will be vulcanized in the mass, and where other compositions are used it will be fixed by means of a curing process used for the particular composition.

The advantages of my invention are obvious. When a soft flexible material, like rubber or cork, is used for the finger-hold, the holder will accommodate itself to all kinds of pens no matter what the curvature or width of pen-shanks is and will hold them firmly, for the reason that the soft material being next to the pen it will adapt itself to the size and shape of the pen-shank. This does not occur when the reinforcement usually used constitutes the wall of the pen-socket. Besides when the metal annulus forms the inside wall of a pen-socket the metal of the annulus is liable to be corroded by the ink, and the pen is difficult to remove from the socket because of the tendency of the metal pen to stick to the metal of the annulus, with which it contacts. In my invention the pen contacts with cork or rubber or other material and not with metal.

It will be understood that my invention is clearly applicable to such penholders which are not made with a separate finger-hold, but where the entire holder is in one piece, and each of my claims is intended to cover either of such constructions.

What I claim is—

1. A penholder having a strengthening-annulus surrounding the pen-socket and embedded in the material of the holder, substantially as described.

2. A vulcanized-rubber penholder having a strengthening-annulus surrounding the pen-socket and embedded and vulcanized into the material of the finger-hold, substantially as described.

3. A penholder having a finger-hold of comparatively-flexible material and a strengthening-annulus, surrounding the pen-socket, and embedded in the material of the finger-hold, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BYRON B. GOLDSMITH.

Witnesses:
K. E. FINN,
W. BURT.