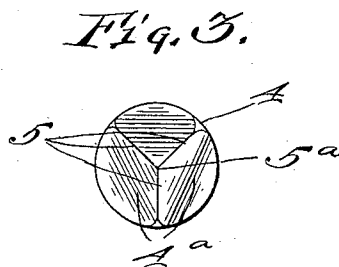
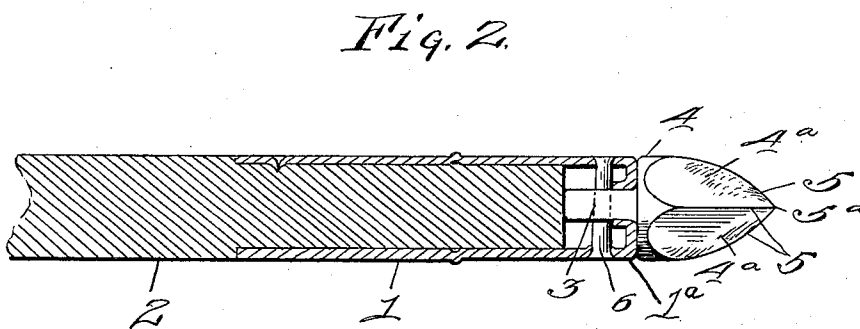
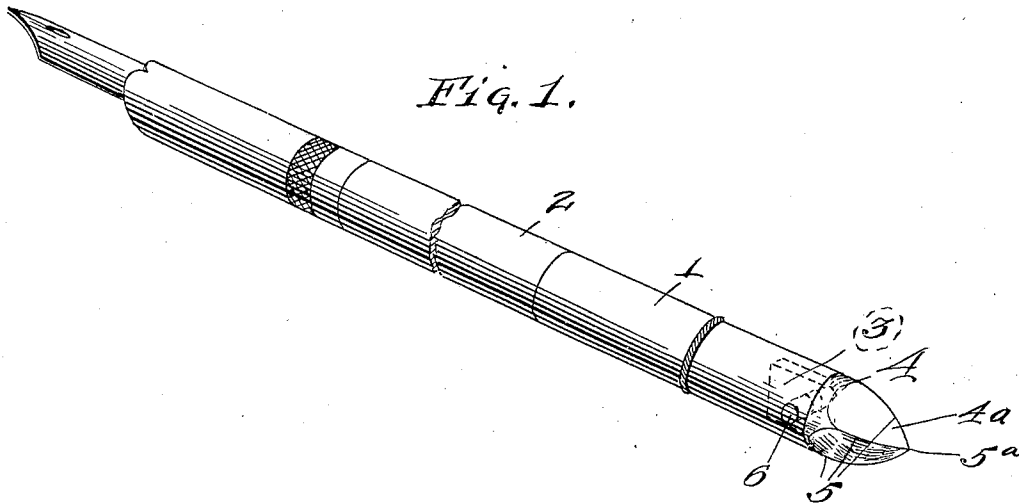


F. M. HOLDER.
 INK ERASER.
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938,667.

Patented Nov. 2, 1909.



Witnesses
J. M. H. Holder
W. A. Woodson

Inventor
F. M. Holder.

By *Thas Racy*, Attorneys

UNITED STATES PATENT OFFICE.

FRANKLIN M. HOLDER, OF OXFORD, LOUISIANA.

INK-ERASER.

938,667.

Specification of Letters Patent.

Patented Nov. 2, 1909.

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To all whom it may concern:

Be it known that I, FRANKLIN M. HOLDER, citizen of the United States, residing at Oxford, in the parish of De Soto and State of Louisiana, have invented certain new and useful Improvements in Ink-Erasers, of which the following is a specification.

The present invention relates to an improved ink eraser embodying novel means for erasing the ink and smoothing the roughened surfaces caused by the said erasure.

The object of the invention is the provision of an eraser of this character which is simple and inexpensive in its construction and can be readily applied to a pen holder or like member.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view showing the improved ink eraser as applied to a pen holder. Fig. 2 is a side elevation of the same, parts being shown in section. Fig. 3 is an end view of the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing, the numeral 1 designates a sleeve which is designed to be fitted over the extremity of a stem such as a pen holder 2 or like member and projects beyond the end thereof. The outer end of this sleeve 1 is closed by a transverse partition 1^a which is provided with a slot or perforation designed to receive a shank 3 projecting from a head 4, the end of the shank resting against the extremity of the stem. A key or transverse pin 6 is passed through corresponding openings in the shank and projecting end of the sleeve and operates to hold the head 4 securely in position. The base of the head 4 has a circular cross section corresponding to the sleeve 1 against the outer end of which it abuts, while the outer portion of the head is formed with a plurality of flattening surfaces 4^a which intersect in the cutting edges 5 and converge toward each other so as to meet at a point 5^a in axial alinement with the head and the sleeve. In the present instance there are three of the flattened surfaces 4^a and a cor-

responding number of cutting edges 5 are provided, the said edges being inclined toward the axis of the tool and meeting at the point 5^a.

When it is desired to utilize the device as an ink eraser any selected one of the cutting edges 5 may be employed for erasing the ink, and after erasure the roughened surface can be readily smoothed by rubbing the same with one of the flattened surfaces 4^a. Attention is also directed to the fact that owing to the position of the cutting edges they will be protected from injury and prevented from coming into contact with a desk or like support while lying or rolling upon the same. It may also be mentioned that the eraser can be easily sharpened by abrading the flattened surfaces 4^a and that two of the cutting edges are sharpened by abrading a single one of the surfaces.

As best seen in Fig. 2, the metal forming the end 1^a of the sleeve 1 is turned inwardly in forming the opening through which the tongue 3 passes, and that the inner extremity of the inturned portion abuts against the key or transverse pin 6. By this means, the connection of the parts and a solid mounting for the eraser is secured, this result being also partially accomplished by the fact that the inner end of the tongue abuts against the stem 2.

Having thus described the invention, what is claimed as new is:

The herein described eraser, comprising a stem, a sleeve applied to one end of the stem projecting beyond the extremity thereof, the sleeve being formed at its projecting end with a transverse wall formed with an opening extending therethrough, the edges of said opening extending inwardly toward the stem, an eraser fitting against said end of the sleeve and provided with a tongue which extends inwardly through said opening and abuts against the adjoining end of the stem, and a transversely extending pin secured in the sleeve at the projecting end portion thereof and passing through the shank, said pin passing against the extremities of the inturned edge of said opening.

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

FRANKLIN M. HOLDER. [L. S.]

Witnesses:

T. F. SMITH,
T. R. SMITH.