No. 698,122. Patented Apr. 22, 1902.

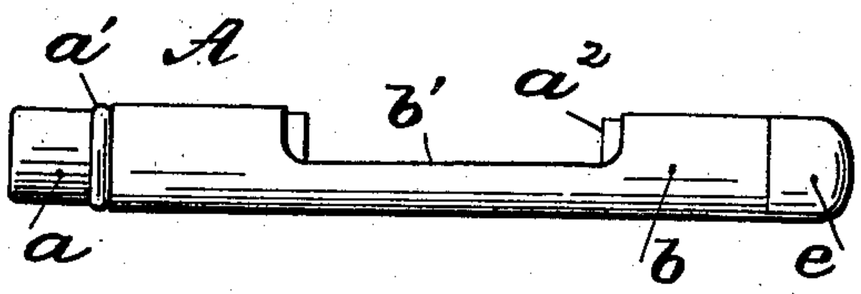
C. C. LOVEJOY.

COMBINED PENCIL HOLDER AND SHARPENER.

(Application filed July 23, 1900.)

(No Model.)

FIG. 1.



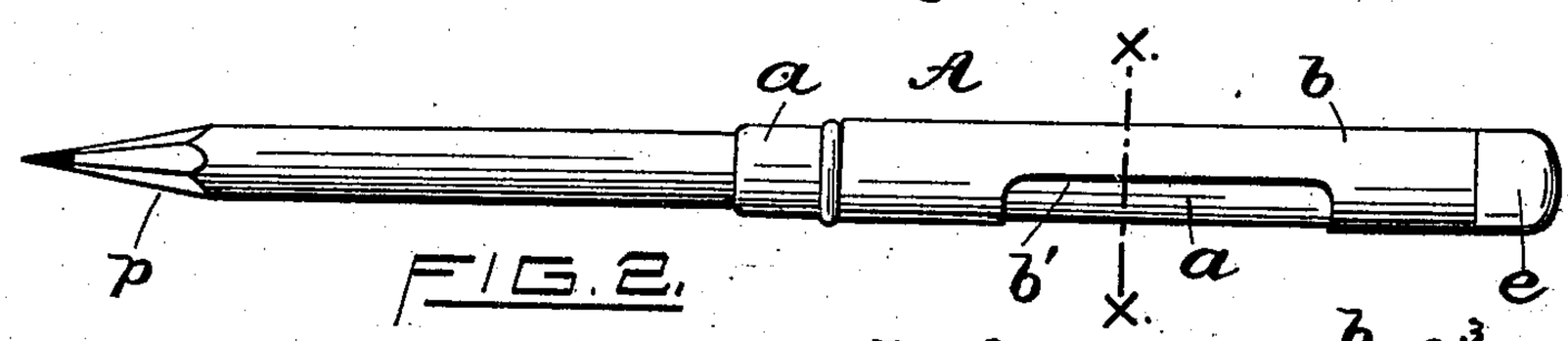


FIG. 2.

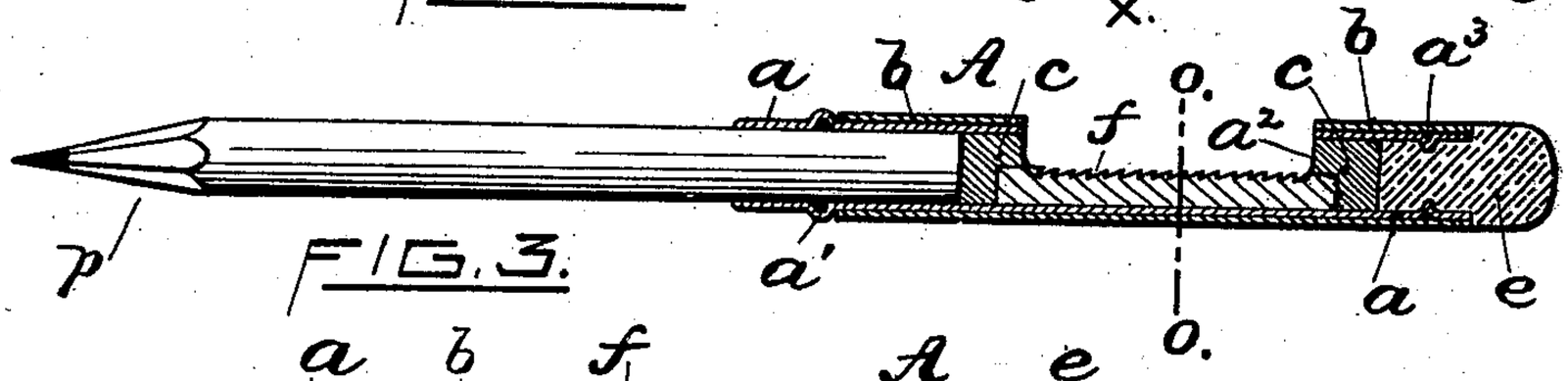


FIG. 3.

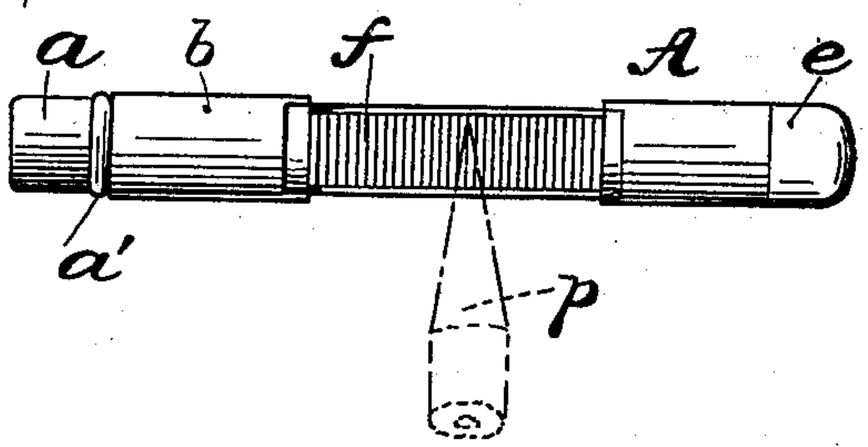


FIG. 4.

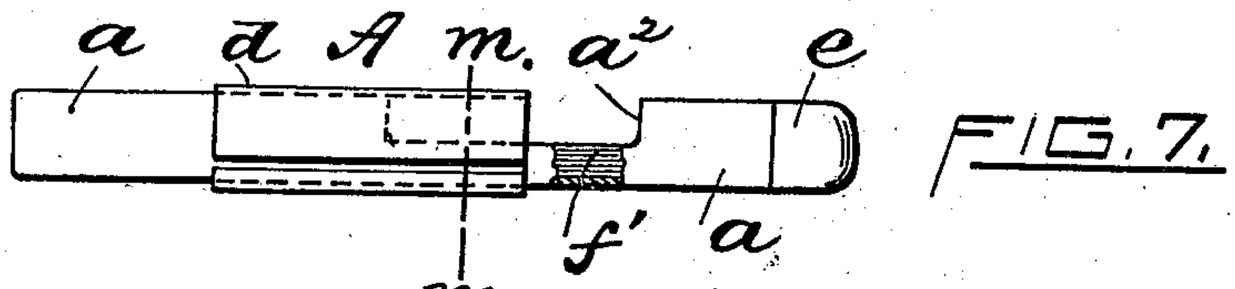


FIG. 7.

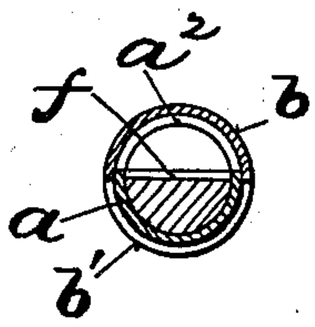


FIG. 5.

FIG. 8.

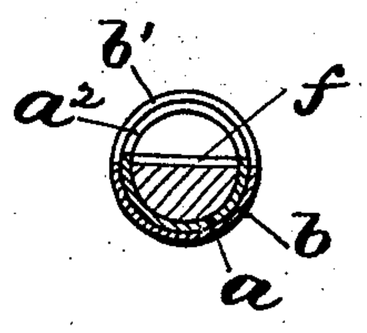


FIG. 6.

WITNESSES.

Charles T. Hannigan.

Orlando F. Jackson

INVENTOR.

Clinton C. Lovejoy.

By Geo. H. Kenrington & Co.

Attys

UNITED STATES PATENT OFFICE.

CLINTON C. LOVEJOY, OF PROVIDENCE, RHODE ISLAND.

COMBINED PENCIL HOLDER AND SHARPENER.

SPECIFICATION forming part of Letters Patent No. 698,122, dated April 22, 1902.

Application filed July 23, 1900. Serial No. 24,516. (No model.)

To all whom it may concern:

Be it known that I, CLINTON C. LOVEJOY, a citizen of the United States of America, and a resident of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in a Combined Pencil Holder and Sharpener, of which the following is a specification.

My invention relates to certain novel improvements in pencil-sharpeners; and it consists, essentially, of a combined pencil holder and sharpener having the latter permanently mounted in or integral with the holder and provided with a cover adapted to normally conceal the sharpener or file.

In devices heretofore employed for sharpening or abrading pencils it has been usual, so far as I am aware, to provide the pencil with a removable tip, in the end of which is fitted a central cutter or file, the arrangement in such case being that in order to use the cutter the pencil is first withdrawn, then reversed, and its pointed end inserted into the tip and rotated. In another case the rear end of the pencil was bored out or recessed to receive a short file securely mounted in a plug, the latter when the device was not in use closing the opening in the pencil. In still another pencil-sharpening device the pencil proper was divided throughout its length, one half having a short file embedded therein and provided with end tips or means for securing the parts together, thus giving it the appearance of an integral pencil.

In my improved combined pencil sharpener and holder the device is adapted to be easily and quickly brought into use. It is comparatively inexpensive to manufacture, and, moreover, it may be provided with the usual erasing-tip of rubber. The holder has a side opening through and across which the file or pencil-sharpening device is rendered accessible, a movable cover or casing serving to close the opening when not in use.

In the accompanying sheet of drawings, Figure 1 is a side elevation showing my improved pencil holder and sharpener, the pencil removed and the holder open, thus exposing the file or sharpener ready for use. Fig. 2 is a side view showing the holder closed and the pencil therein. Fig. 3 is a longitudinal section corresponding to the position shown in Fig. 1 and having the pencil mounted therein. Fig. 4 is a plan or top view of the device, also corresponding to Fig. 1. Fig. 5 is an enlarged cross-section taken on line $x\,x$ of Fig. 2. Fig. 6 is a similar section taken on line $o\,o$ of Fig. 3. Fig. 7 is a side elevation showing a modification of the device, and Fig. 8 is a transverse section taken on line $m\,m$ of Fig. 7.

In the drawings, A indicates my improved pencil holder and sharpener as a whole. The holder or tube member a has its inner end adapted to receive a pencil p, its opposite or outer end being provided, say, with the usual eraser e of rubber. Intermediate of the said two end portions the holder is cut away at a^2 in a longitudinal direction. As drawn said opening extends nearly to the center of the tube. A file f or other equivalent sharpening or abrading device is fitted in the tube and located at said opening, its upper or cutting surface being readily accessible for use when desired. In order to hold the file in place, the ends of the latter may be fitted into small blocks or plugs c of wood or other suitable material, thereby at the same time closing the adjacent ends of the tube contiguous to the said opening a^2. (See Fig. 3.) These blocks or plugs also serve the purpose of stops, so as to limit the distance that the pencil shall be inserted at one end and the rubber at the other. These blocks fit snugly inside of the tube, and after the file has been secured in position and the piece of rubber inserted and crimped in place no movement is possible to any of the parts.

Surrounding the tube a is fitted a rotatable or movable cover or case b. The side of this latter is cut away to form an opening b', adapted to register with the opening a^2 of the tube. When the two openings coincide with each other, as shown in Figs. 1 and 3, it will be seen that the file f is exposed, the device then being in position to sharpen or abrade the pencil upon rotating the latter back and forth upon its surface. In order to prevent the cover b from moving endwise, its inner end may engage a small bead or projection a', formed in the holder, its outer end bearing against the tip e.

The tubular members a and b may be made of any suitable metal, the same being re-

duced to the desired size and thickness. For the cheaper grades tubes of steel or brass may be used, the same being subsequently nickel-plated, if desired. The tip *e* may be screwed into the tube *a* or the latter may be indented, as at a^3, after the tip has been inserted.

In Figs. 7 and 8 I have represented a modification of my improved pencil holder and shapener. In this case the tube or holder member *a* is made substantially as represented in the other figures, but in lieu of the revoluble case *b* I have shown a split tubular cover or casing *d*, mounted to slide endwise upon the holder. The resiliency of the cover provides sufficient friction to hold it in any desired position upon the holder. In this case a file may be employed, if desired, or in lieu thereof the space required for it may be filled with a series of superposed strips *f'* of emery cloth or paper or other equivalent material. As thus constructed it is possible to maintain a comparatively sharp cutting-surface, a strip being removed when it has been sufficiently worn.

My present invention, it will be seen, forms a simple, efficient, and inexpensive device, both for holding a pencil and sharpening it, the same being easily manipulated, as well as being attractive in appearance.

I claim as my invention and desire to secure by United States Letters Patent—

1. In a device of the class described the combination with a tubular member adapted to receive a pencil in one end and a rubber eraser in the other, and having an opening formed in its side, of a pencil-sharpener secured in said tube opposite the opening therein, blocks fitted in the ends of the opening and engaging the end of the sharpener to hold the latter in place, and a rotatable cover having an opening corresponding in position and shape to the opening in the tube, said cover adapted when rotated to close the opening in the tube and conceal the sharpener.

2. As an improved article of manufacture the combination of a tubular member adapted to receive a pencil in one end and a rubber eraser in the other, said member having a longitudinal opening formed in its side and a raised bead near one end, a file secured in the tube opposite the opening therein, blocks closing the end of the opening and engaging the end of the file to hold the latter in place and a rotatable cover mounted on the tube between the raised bead and the eraser, to prevent its longitudinal movement, said cover having an opening corresponding to the opening in the tube to permit access to the file, substantially as specified.

Signed by me at Providence, Rhode Island, this 21st day of July, A. D. 1900.

CLINTON C. LOVEJOY.

Witnesses:
GEO. H. REMINGTON,
ORLANDO L. JACKSON.