

L. P. WICKLAND.
KNIFE AND NAIL CLEANER.
APPLICATION FILED NOV. 18, 1909.

973,600.

Patented Oct. 25, 1910.

Fig. 1.

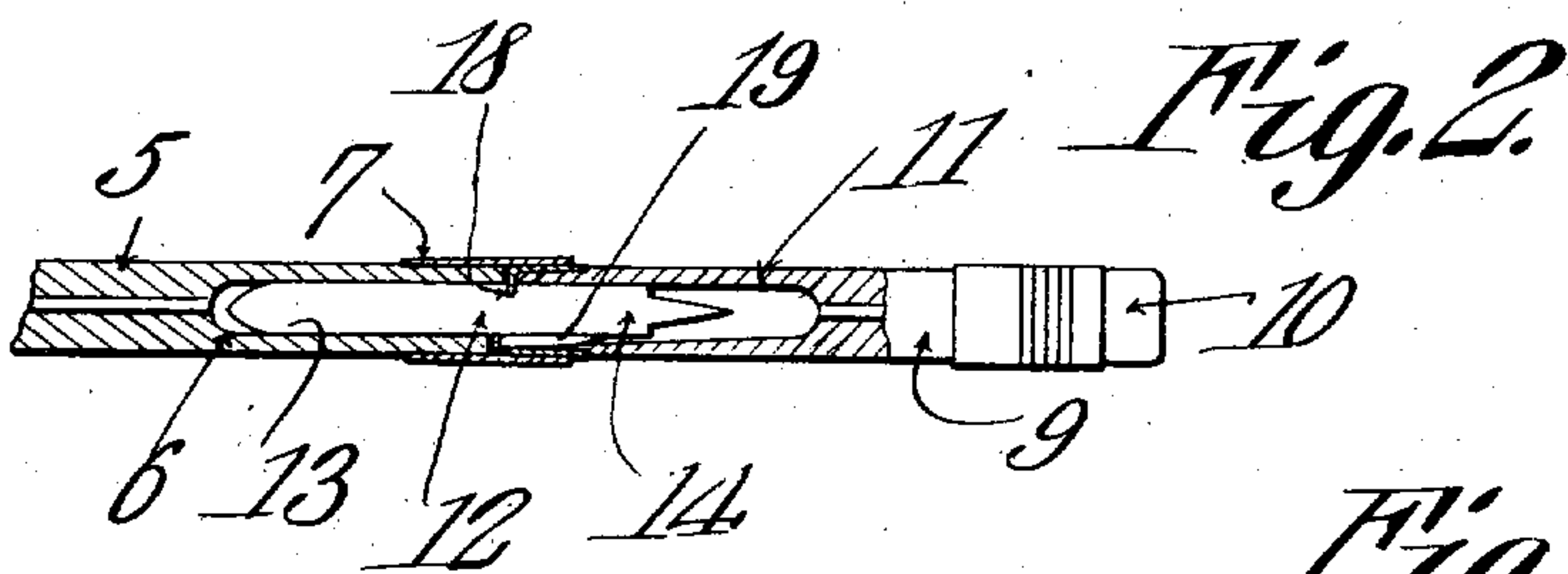
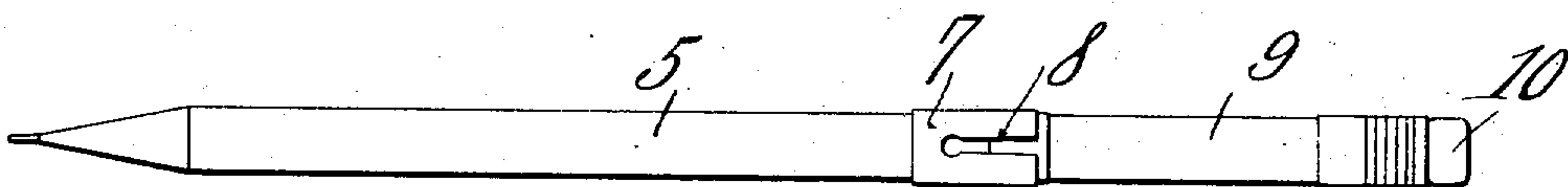


Fig. 5.

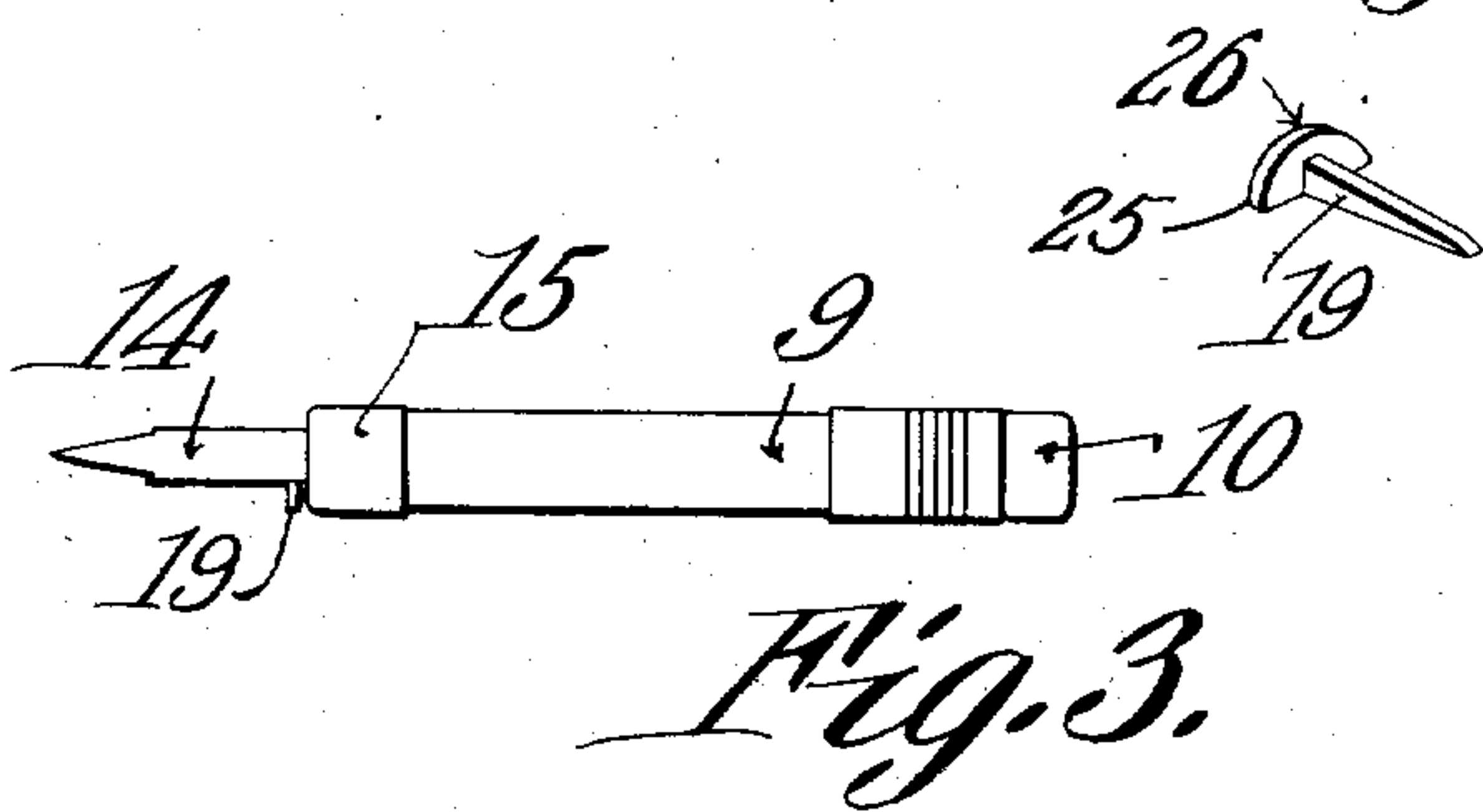
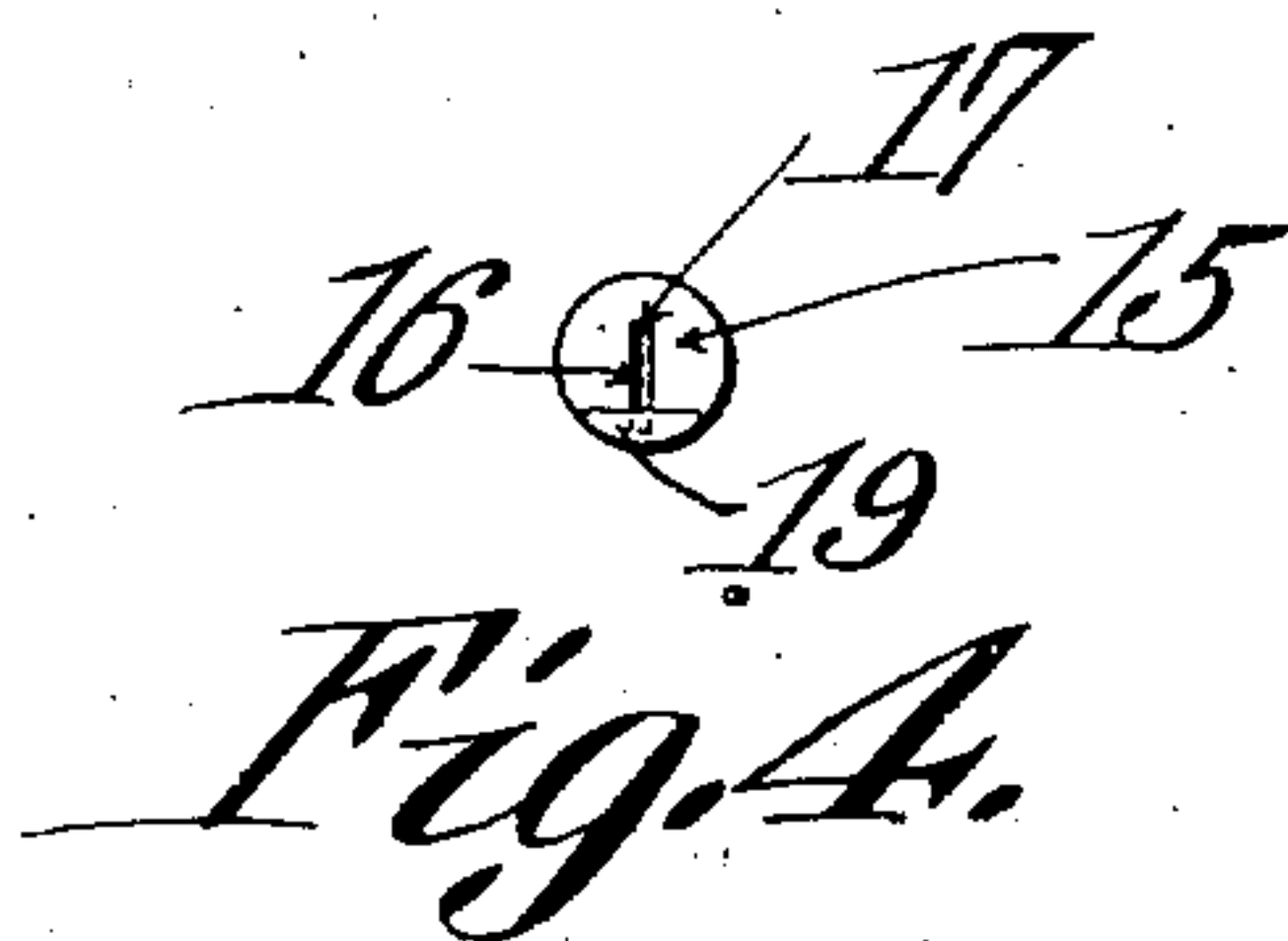


Fig. 3.

Witnesses
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LOUIS P. WICKLAND, OF FREMONT, OHIO.

KNIFE AND NAIL-CLEANER.

973,600.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed November 18, 1909. Serial No. 528,743.

To all whom it may concern:

Be it known that I, LOUIS P. WICKLAND, a citizen of the United States, residing at Fremont, in the county of Sandusky and State of Ohio, have invented a new and useful Knife and Nail-Cleaner, of which the following is a specification.

This invention relates to pencil attachments and has for an object to provide a combined pencil sharpener and finger nail cleaner attachment that when attached to the butt end of a pencil will resemble in outer appearances the eraser bearing end of an ordinary pencil and will not add perceptibly to the weight of this end of the pencil.

A further object is to provide an attachment of this character having a reversible blade which carries a cutting edge and a finger nail cleaner at opposite ends respectively, and having means for holding said blade so as to expose either the cutting edge or finger nail cleaner, as desired.

To attain these ends, my invention embraces the novel details of construction and combination of parts hereinafter more fully described and claimed, it being understood that various modifications in the minor details of construction may be made within the scope of what is claimed.

In the accompanying drawing forming a part of this specification, Figure 1 is a side elevation of a pencil equipped with a pencil attachment constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view of the pencil attachment in applied position with parts in elevation and parts broken away. Fig. 3 is a side elevation of the pencil attachment showing the finger nail cleaner in operative position. Fig. 4 is an end elevation of the blade holding cap. Fig. 5 is a perspective detail view of the locking wedge.

Like characters of reference designate similar parts in the views shown.

Referring to the parts by their reference characters, 5 designates a lead pencil of any preferred form or construction having a longitudinal recess 6 formed in its butt end, the pencil constituting a casing to receive the blade, hereinafter described.

Engaged externally on the recessed end of the pencil is a tubular member 7, one end of which is adapted to tightly bind the outer surface of the pencil so as to prevent the rotation of the tubular member, the op-

posite end being provided with a longitudinal slot 8 in its side wall which permits the free end of the tubular member to be slightly expanded in order to receive the eraser bearing member 9.

The eraser bearing member is preferably formed similar in outline to the pencil 5 and is provided with an eraser 10 of the usual and well known kind. A recess 11 is formed in the end of the eraser bearing member remote from the eraser to receive the reversible blade member 12, for which the eraser bearing member constitutes a holder.

The blade member 12 is formed at one end with a cutting edge 13 and at the opposite end with a pointed extremity 14 which constitutes a finger nail cleaner. The blade is sufficient in size to be contained in the registering recesses 6 and 11 without terminally coming into contact with the end walls of the recesses so that the blade will not become dulled except by manual operation.

In order to hold the blade rigid while in operation a simple locking means is provided. A cap 15 is driven upon the recessed end of the eraser bearing member and is provided with a transverse slot 16 in its end wall registering with the recess 11 adapted to receive the reversible blade 12. The slot 16 terminates at one end a slight distance from the periphery of the cap, as shown at 17. Formed in the blade 12 is a notch 18 to engage the end wall 17 of the cap. A removable wedge 19 is inserted into the slot and into the recess 11 in such a manner as to engage the opposite longitudinal edge of the blade 12 from that in which the notch 18 is formed and hold the notch of the blade in engagement with the end wall 17 of the cap, at the end of the slot 16. The blade is thus held against rotation and against being accidentally disengaged from the eraser bearing member when in operation. The wedge 19 projects from the cap a sufficient distance to be easily grasped by the fingers of the operator to facilitate the removal of the wedge when desiring to reverse the working ends of the blade 12. The tubular member 7 being slotted longitudinally, will expand sufficiently to receive the eraser 10 so that the pencil 5 coöperates with the eraser bearing member 9 to form an extended handle which will facilitate the manipulation of the blade member in

erasing ink lines or for other purposes which require a considerable length of blade handle.

It is to be noted, upon referring to Fig. 5, that the wedge 19 is provided with a transverse head 25 at one end, one edge of the head 25 conforming, as denoted by the numeral 26 to the periphery of the pencil 5. This transverse head 25 serves to prevent the wedge from being forced entirely through the slot 16 in the end wall of the cap. Moreover, owing to the fact that the head 25 conforms, as at 26, to the periphery of the pencil 5, the tubular member 7 upon the end of the pencil 5 may slide freely over the cap 15, the tubular member 7 thus constituting a means by directing the end of the pencil 5 against the head 25 of the wedge 19, so that the wedge may be thus forced by the end of the pencil 5, into a firm seat.

What is claimed is:—

1. A device of the class described consisting of a holder having a recess in one end; a cap having its end wall extended across the end of the holder and having a slot alined with the recess; a blade insertible into the slot and into the recess and having a notch in one edge; and a wedge inserted in the slot between the other edge of the blade and the holder, to cause the end wall of the cap to register in the notch.

2. A device of the class described consisting of a holder having a recess in one end; a cap having its end wall extended across the end of the holder and having a slot alined with the recess; a blade insertible into the slot and into the recess and having a notch in one edge; and a wedge inserted in the slot between the other edge of the blade and the holder to cause the end wall of the cap to register in the notch; the

wedge having at its outer end, a transverse head conforming to the periphery of the holder and engaged by the end wall of the cap.

3. A device of the class described consisting of a holder having a recess in one end; a cap having its end wall extended across the end of the holder and having a slot alined with the recess; a blade insertible into the slot and into the recess and having a notch in one edge; a wedge inserted into the slot between the other edge of the blade and the holder to cause the end wall of the cap to register in the notch; a casing having a recess in one end to receive the blade; a tube secured to the recessed end of the casing and inclosing the cap closely to direct the end of the casing against the wedge.

4. A device of the class described consisting of a holder having a recess in one end; a cap having its end wall extended across the end of the holder and having a slot alined with the recess; a blade inserted into the slot and into the recess and having a notch in one edge; a wedge inserted into the slot between the other edge of the blade and the holder, to cause the end wall of the cap to register in the notch; the wedge having at its outer end, a transverse head conforming to the periphery of the holder; a casing having a recess in one end to receive the blade; and a tube secured to the recessed end of the casing and inclosing the cap closely to direct the end of the casing against the head of the wedge.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

LOUIS P. WICKLAND.

Witnesses:

C. B. CARR,
MYRTLE HITE.