

(No Model.)

C. BRAMBERG.

COMBINED SCISSORS AND PENCIL HOLDER.

No. 318,346.

Patented May 19, 1885.

Fig. 2.

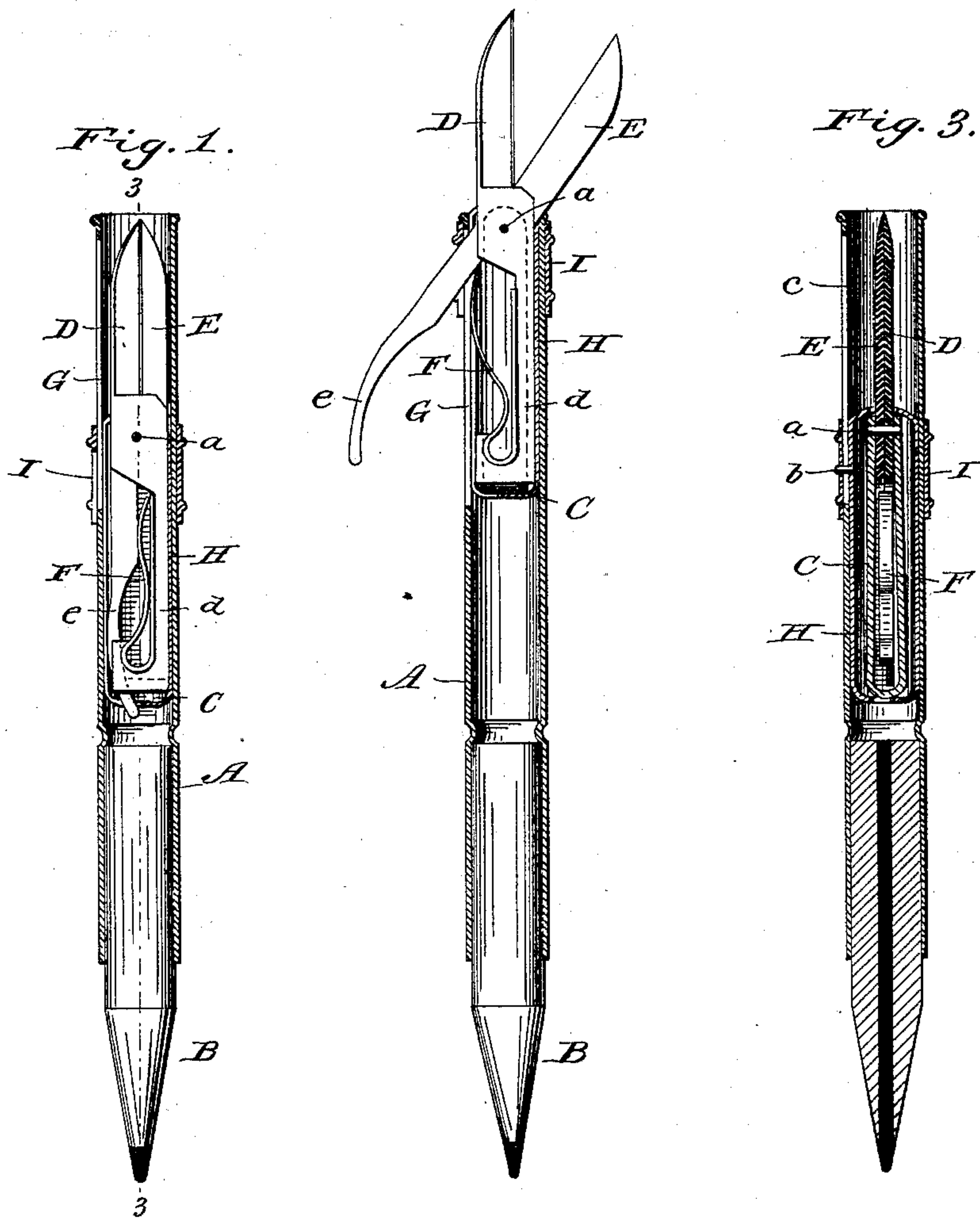
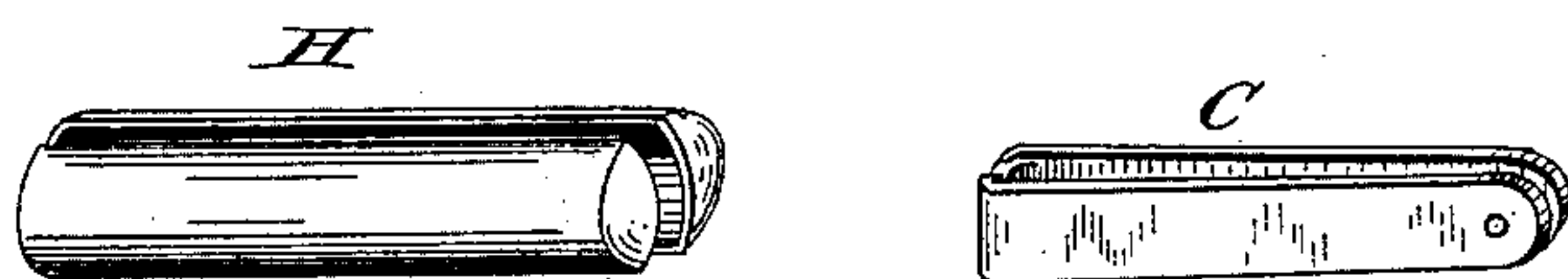


Fig. 4.



Witnesses:

H. N. Low
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UNITED STATES PATENT OFFICE.

CHARLES BRAMBERG, OF BROOKLYN, ASSIGNOR TO THE EAGLE PENCIL COMPANY, OF NEW YORK, N. Y.

COMBINED SCISSORS AND PENCIL HOLDER.

SPECIFICATION forming part of Letters Patent No. 318,346, dated May 19, 1885.

Application filed March 23, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES BRAMBERG, of Brooklyn, Kings county, New York State, have invented certain new and useful Improve-
5 ments in Combined Scissors and Pencil Holders, of which the following is a specification.

My present invention consists in certain improvements upon the combined scissors and pencil holder shown and described in my Let-
10 ters Patent No. 238,023, of February 22, 1881.

The objects of the improvements are to provide means for properly holding together the cutting-edges of the scissors-blades, and for maintaining them in this position, to provide
15 a simple way of holding in position the spring which opens the scissors, and to furnish the sliding scissors-carrying block with a casing which, among other things, will permit the block to slide or move more freely, smoothly,
20 and steadily, and with less danger of catching in the pencil-holding tube.

The nature of the improvements can best be explained and understood by reference to the accompanying drawings, in which—

25 Figure 1 is a longitudinal section of an article embodying my improvements in their preferred form. In this figure the scissors are represented as retracted. Fig. 2 is a like section showing the scissors projected. Fig. 3 is
30 a section on line 3 3, Fig. 1. Fig. 4 is a perspective view of the scissors-carrying block and its sheet-metal shell or cover detached from one another.

A is the pencil-holding tube, adapted to receive at one end a pencil, B, and at the other end containing the scissors attachment.

The sliding scissors-carrying block is shown at C. In my patented device this block, as described in the Letters Patent aforesaid, was
40 composed of a longitudinally-slotted block, or of two separate blocks held by pins or rivets at such distance apart as to receive between them the scissors-blades. This arrangement was defective in that the blades, after a little
45 use, were liable to work apart or to become so loose as not to make a proper cut, and no means were provided by which this should be compensated for and the cutting-edges should be held up closely together. To obviate this
50 difficulty, I now make the sliding block of two

spring-metal side pieces connected together at the bottom, or preferably made, as shown, in a single piece from a bar of spring-steel bent into proper shape. The sides of the block have an inward set, and normally stand nearer
55 together than the thickness of the two scissors-blades D E.

In mounting the scissors in the block, the free ends of the two side pieces of the block are spread apart, the two blades are put in
60 place between them, and a pivot-pin, *a*, is passed through holes formed in the two side pieces and the two blades. When the side pieces are released, they spring back toward their normal position, and in so doing close
65 upon the scissors-blades, which are thus held up closely together by a strong spring-pressure, which maintains them always in the best working relation to each other during their
70 movements upon the pivot-pin *a*. Said pivot-pin is loose in one or both of the spring side pieces, so that the latter may be always free to exert their pressure upon the blades. The shank *d* of the blade D extends to the lower
75 end of the block. The shank *e* of the other blade, E, which is the scissors-handle, is, however, considerably longer, in order to obtain the requisite leverage.

In the tube A, in a position and of a size to permit the scissors to open as soon as they
80 have been projected from the tube, is a slot, G, through which the shank or handle *e* can work when the scissors are in projected position.

F is the spring, which opens the scissors. 85 In my patented device this spring was hung upon a pin or rivet passing through the block, which mode of securing it in place between the legs of the scissors has been found somewhat troublesome and expensive. To obviate
90 this difficulty, I now form the shank *d* with a hook-like end, which forms a seat and receptacle for the base of the spring F, whose free ends thence extend and bear one against the shank *d* and the other against the shank or
95 handle *e*. The spring is thus held virtually in a pocket in the scissors without being connected to the block.

The block is surrounded by a sheet-metal cover or shell, H, of cylindrical form, which
100

fits around the block and forms a smooth cylinder, which, while fitting snugly within the pencil-holding tube, will move longitudinally therein with ease. It is slotted on the side 5 from which the handle *e* projects, and the shank *d*, by the opening spring *F*, is held closely upon the opposite inner wall of the shell.

The block *C* is moved by means of an external sleeve, *I*, or its equivalent, which is 10 connected to the block by a pin or rivet, *b*, passing through a slot, *c*, in tube *A* into the block or the shell *H*.

Having described my improvements, what I 15 claim as new and of my own invention is—

1. The scissors-carrying block having spring-metal side pieces which normally close toward one another, in combination with the pencil-holding tube and the scissors-blades pivoted 20 and clamped between the free ends of said

spring-acting side pieces, substantially as and for the purposes hereinbefore set forth.

2. The sliding scissors-carrying block and the scissors-blades pivoted between the side 25 pieces of said block, in combination with the sheet-metal shell *H* and the pencil-holding tube, substantially as and for the purposes hereinbefore set forth.

3. The combination of the spring-acting scissors-carrying block, the scissors-blades 30 mounted therein, the scissors-opening spring, the shell *H*, and the pencil-holding tube, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set 35 my hand this 9th day of March, 1885.

CHARLES BRAMBERG.

Witnesses:

LEOPOLD ANSBACHER,
SAMUEL KRAUS.