

(No Model.)

H. J. MULLER.
COMBINED BOOK MARK AND PAPER CUTTER.

No. 497,454.

Patented May 16, 1893.

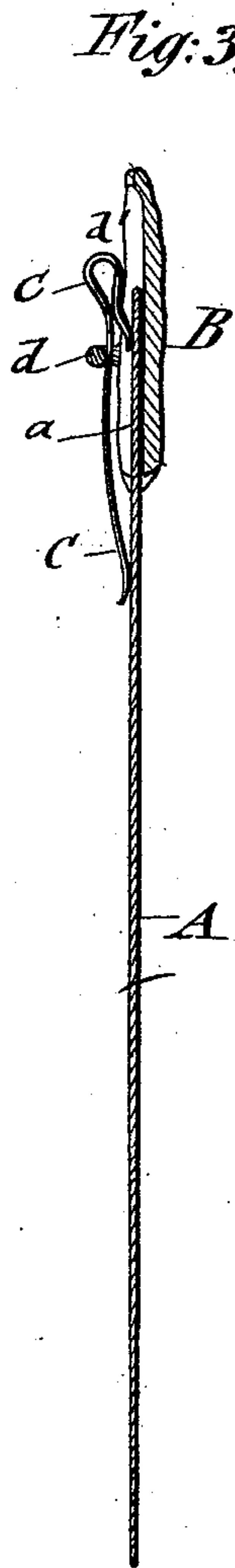
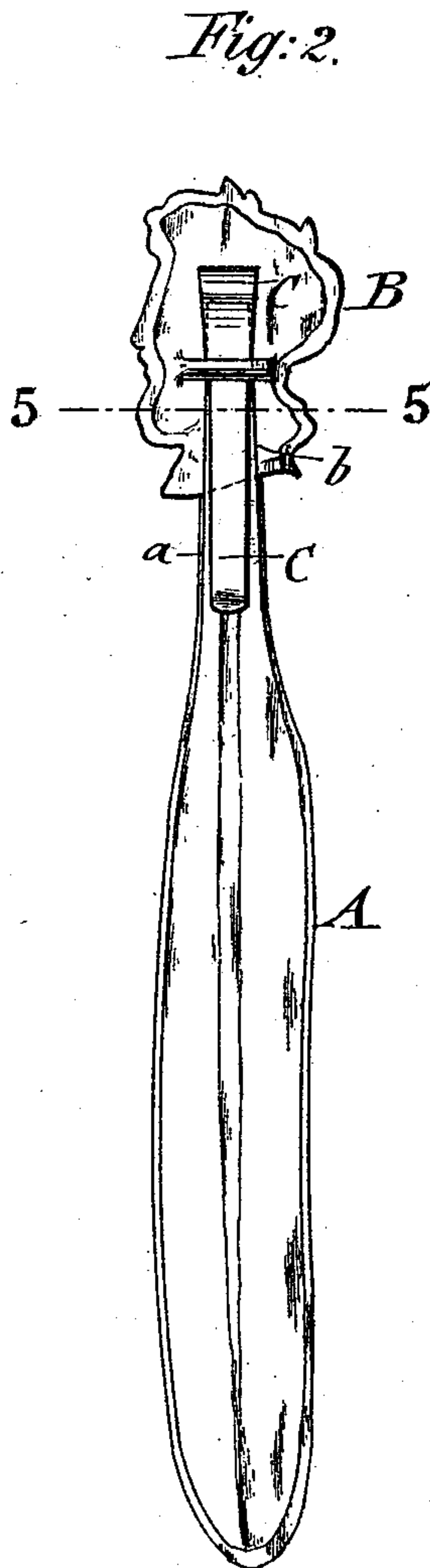
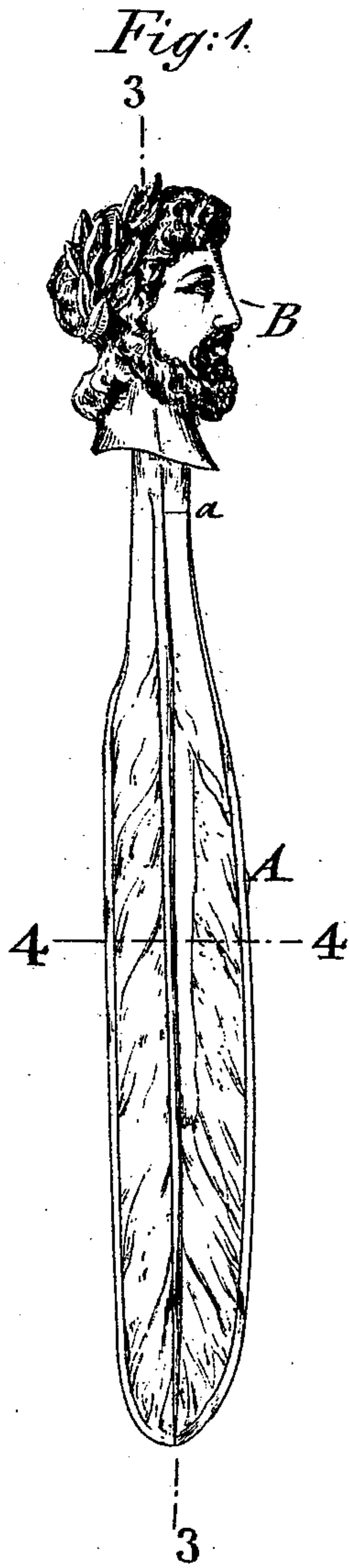
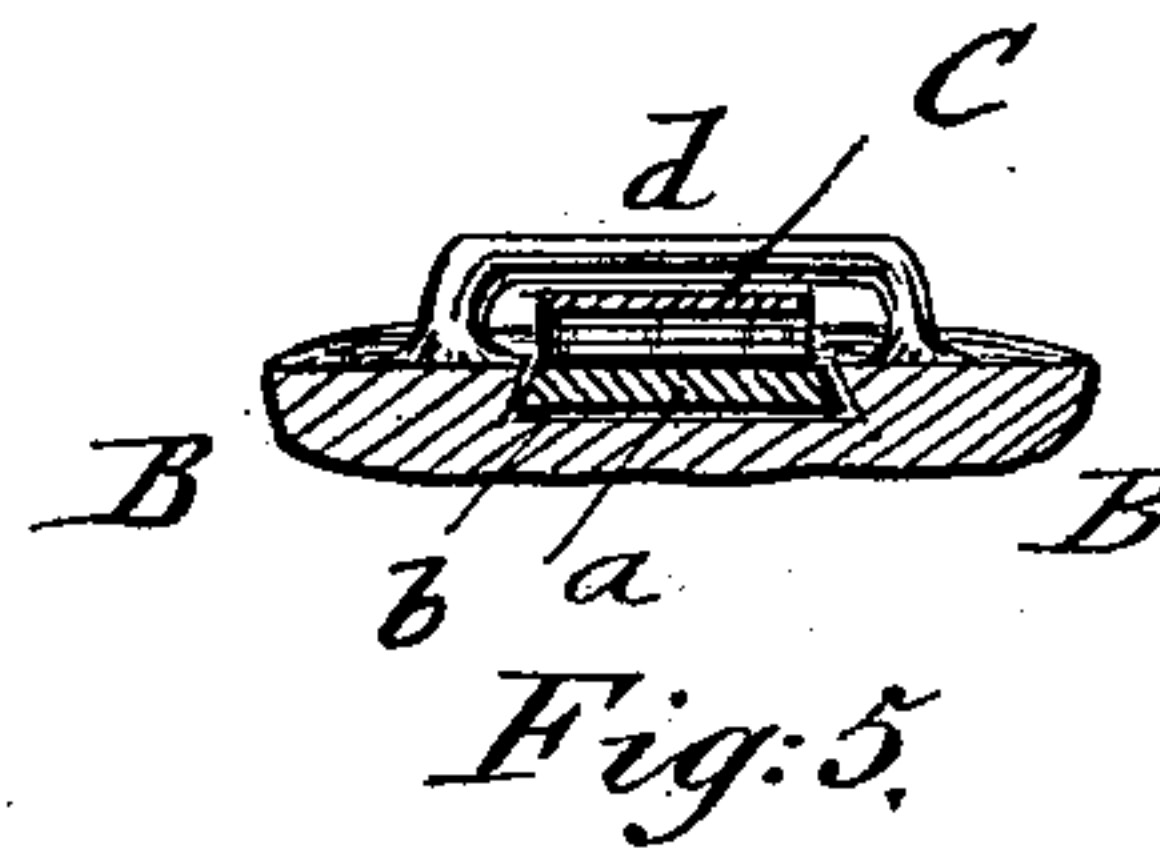
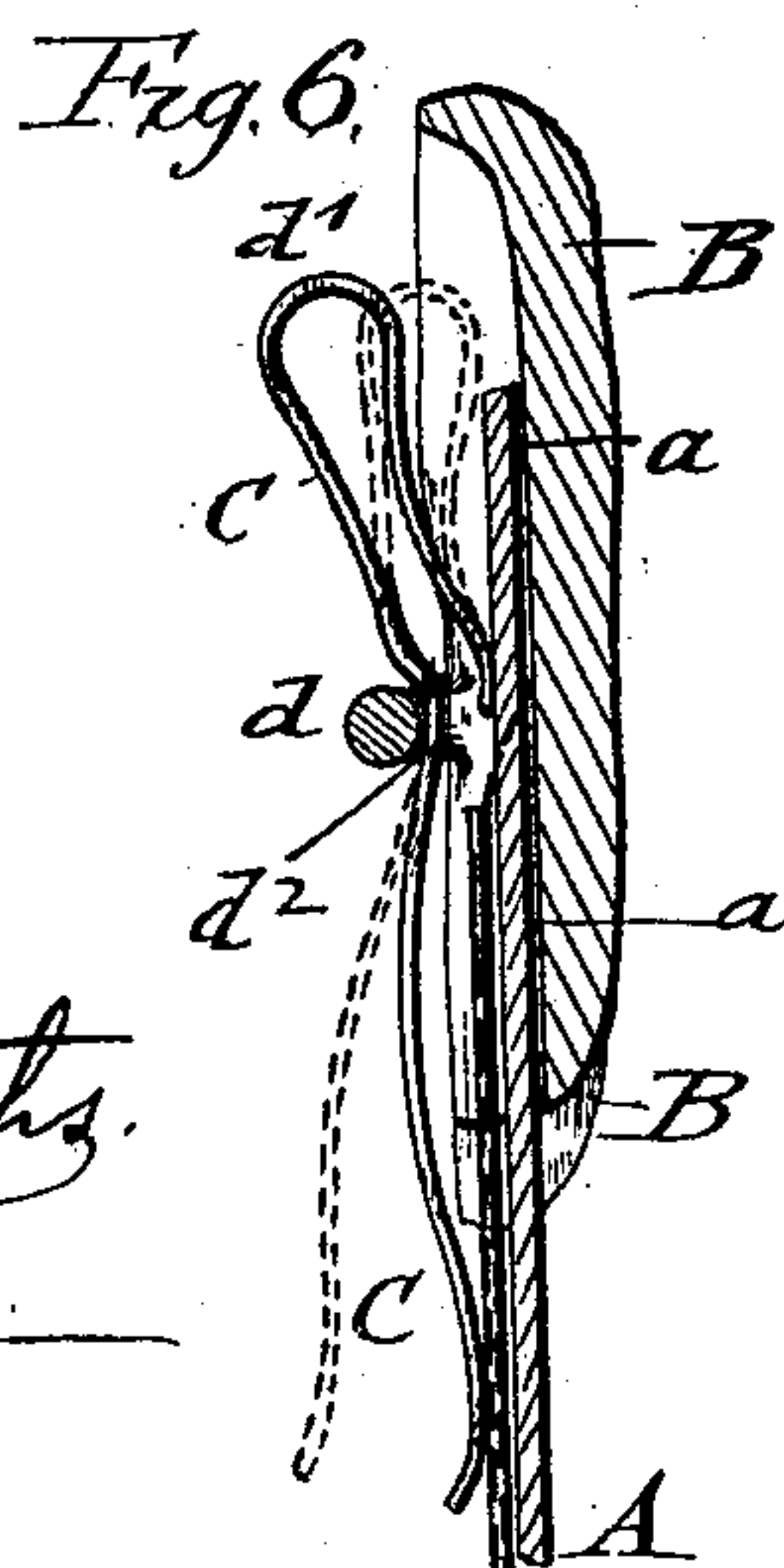


Fig. 4.



WITNESSES:
Harry Willard Griffiths.
H. Obermayer

INVENTOR
Herman J. Muller
BY *Loepp & Paegauer*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HERMANN J. MULLER, OF NEW YORK, N. Y.

COMBINED BOOK-MARK AND PAPER-CUTTER.

SPECIFICATION forming part of Letters Patent No. 497,454, dated May 16, 1893.

Application filed November 26, 1892. Serial No. 453,275. (No model.)

To all whom it may concern:

Be it known that I, HERMANN J. MULLER, a citizen of the United States, residing in the city of New York, in the county and State of New York, have invented certain new and useful Improvements in a Combined Book-Mark and Paper-Cutter, of which the following is a specification.

This invention relates to a combined book-mark and paper cutter in which an interchangeable head is used in connection with the device, so as to adapt the same to different tastes and applications; and the invention consists of a combined book-mark and paper-cutter, which is composed of a cutting blade a detachable head-piece or terminal applied to the shank of the blade and a spring that is retained in a keeper of the head-piece, so that the blade can be used as a book-mark whenever required for this purpose.

In the accompanying drawings, Figure 1 represents a front-elevation of my improved book-mark and paper-cutter. Fig. 2 is a rear-elevation of the same. Fig. 3 is a vertical transverse section, on line 3 3, Fig. 1. Figs. 4 and 5 are horizontal sections, respectively on line 4 4, Fig. 1, and line 5 5, Fig. 2, and Fig. 6 is a detail vertical transverse section of the interchangeable head-piece, showing the connection of the blade with the head-piece and the retaining spring on a larger scale.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the cutting blade of my improved book-mark and paper-cutter, which is preferably made of aluminium, so as to diminish as much as possible the weight of the device. The cutting blade A is provided at one end with a dove-tailed shank *a*, which is of less width than the blade and which is inserted into a dove-tailed recess *b* of the head-piece or terminal B, which is made of aluminium or other light metal, said head-piece representing the head of any poet, artist or person of note or a suitable ornamental device or figure. The connection of the shank *a* with the recess *b* of the head-piece or terminal B is made in such a manner that the blade is not liable to become loose by use, but that the head-piece

can be detached from the blade when required. As the head is detachable the device can be used in connection with any suitable head-piece according to the taste and fancy of the purchaser. At the rear part of the head-piece B is arranged a transverse keeper *d*, into which a retaining spring C is inserted, said spring being provided with a bent-down portion *d'* at its upper end and with a notch or depression *d''*, by which it is retained in position in the keeper, the lower and longer end of the spring C serving in connection with the blade A, when the device is to be used as a book-mark, to retain the blade in position on the leaf to be marked. The upper bent end of the spring C exerts a spring-action on the lower longer part of the spring and presses it against the blade A. By pressing the upper end *d'* toward the head-piece B the lower end of the spring C is released from the leaf, as shown in dotted lines in Fig. 6, so as to enable the device to be readily removed from the same.

Owing to the lightness of the device it can be used as a book-mark without injury to the leaves of the book in which it is used. Any suitable form of spring may be used, the same being made of steel, brass or other suitable material. By removing the spring C from the keeper *d* the head-piece may be readily detached from the shank of the cutting blade A, while by the insertion of the spring and the pressure exerted by the same on the head-piece and shank the blade can be used as a book-mark or a paper-cutter as desired.

My improved book-mark and paper-cutter has the advantage, first, that it combines the use of two separate articles in one device, namely, a paper-cutter and a book-mark; secondly, that it permits of many different shapes, owing to the interchangeable head-piece; and, thirdly, that it supplies an article of great lightness, tastefulness and convenience.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A combined book-mark and paper-cutter, composed of a cutting blade, a head-piece or terminal attached to the shank of the blade and provided with a keeper at its rear part and a retaining spring inserted in said keeper

and adapted to be applied to the leaf, so that the device can be used as a book-mark, substantially as set forth.

2. A combined book-mark and paper-cut-
5 ter, composed of a cutting blade having a shank at one end, a detachable head-piece or terminal having a recess for said shank, a keeper at the rear part of the head-piece, and
10 a retaining spring inserted into said keeper and provided with a bent-over upper end and

a notch or depression below said bent end, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HERMANN J. MULLER.

Witnesses:

PAUL GOEPEL,

HARRY WILLARD GRIFFITHS.