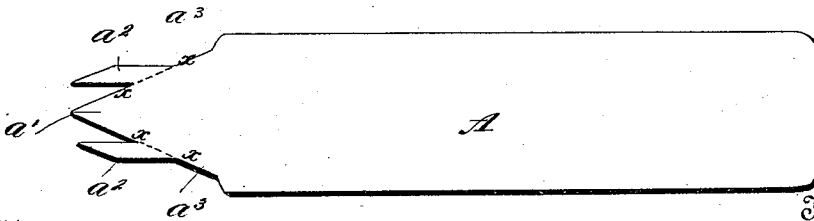
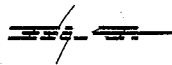
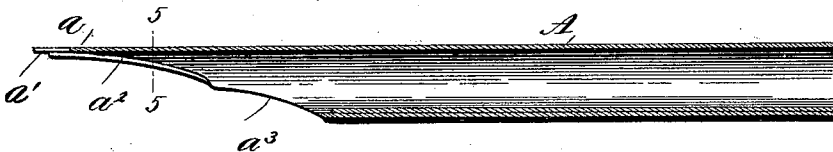
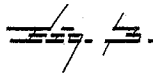
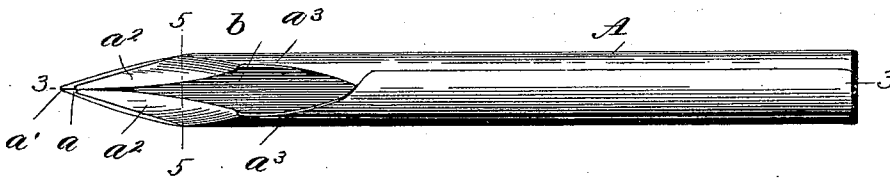
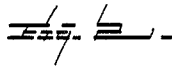
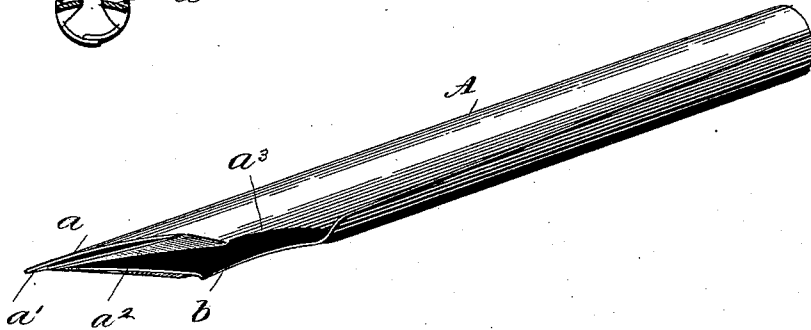
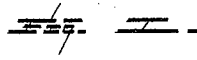
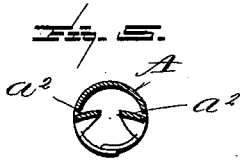


(No Model.)

H. BYRON.
COMBINED PEN AND PENHOLDER.

No. 499,653.

Patented June 13, 1893.



Witnesses:

L. C. Mills.
E. H. Bond

Inventor:

Henry Byron,

By E. B. Stocking
Attorney

UNITED STATES PATENT OFFICE.

HENRY BYRON, OF NEW YORK, N. Y., ASSIGNOR TO THE WEEKS & CAMPBELL COMPANY, OF SAME PLACE.

COMBINED PEN AND PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 499,653, dated June 13, 1893.

Application filed August 9, 1892. Serial No. 442,583. (No model.)

To all whom it may concern:

Be it known that I, HENRY BYRON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in a Combined Pen and Penholder, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to certain new and useful improvements in pens and pen-holders and it has for its object to provide a simple, cheap and durable pen which will not corrode and which may, by a slight pressure of the fingers upon the pen, be made to write 15 finer or coarser as may be desired. This pressure may also be utilized to cause the pen to work should it become clogged or otherwise rendered inoperative from non-use.

20 I form the pen or pen-holder of a single piece of celluloid or other material stamped out in the required shape and then rolled or bent into the desired form. The blank has portions which, when folded in the proper 25 way, form a pocket or receptacle or reservoir for the ink. Pressure on the body of the holder will open these portions to allow more ink to flow.

30 Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

35 The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

40 Figure 1 is a perspective view of my improved pen-holder. Fig. 2 is a bottom view thereof. Fig. 3 is a longitudinal section on the line 3 3 of Fig. 2. Fig. 4 is a view of the blank. Fig. 5 is a cross section on the line 5 5 of Figs. 2 and 3.

45 Like letters of reference indicate like parts throughout the several views in which they appear.

50 In carrying out my invention I take a sheet of material, preferably celluloid, and with suitable means, as a die, stamp therefrom the blank which is shown in Fig. 4. This, if the pen-holder is to be formed integral with the pen, should be of the required length, and at one end is formed with the central point-

ed part a which forms the pen point, and which should be slitted as seen at a' , and upon each side of this pointed part is a projection a^2 the inner faces of which are substantially parallel with the edges of the blank A and their outer edges or faces tapered from the outer edge toward the front end as clearly shown in said Fig. 4. The blank is further formed with the inclined portions a^3 for a purpose hereinafter explained. The blank thus formed is then rolled or bent in any suitable manner so that its edges will overlap as seen in Figs. 1, 2 and 3 and the projections a^2 are bent upon the lines xx , see Fig. 4, until their outer inclined faces come parallel with each other and with the slit of the pen point as seen best in Fig. 2. The inclines a^3 provide an opening b as seen in Figs. 1 and 2 when the blank is rolled to allow of the inflowing of the ink to the reservoir formed by the projections a^2 . The overlapped edges of the blank are not connected or secured together but are left free so that by pressing on the holder body the overlapping edges will be further passed one over the other and this will spread the points of the projections a^2 and allow the ink to flow more readily. If only the pen is to be formed in this manner the blank will of course be correspondingly shorter and the holder may be received in the open end of the rolled blank or the end of the rolled blank may be engaged in the holder in any well known manner.

What I claim as new is—

1. A sheet celluloid pen and pen-holder rolled to form a tube with the edges overlapping and cut at one end to form a point and underturned ink-retaining portions separate from the point and separated from each other in line with the slit of the point, as set forth.

2. A pen and pen holder the body of which is of rolled sheet celluloid with the edges free and overlapped and having a point with ink-retaining portions adjustable by pressure upon the body of the holder, as set forth.

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

HENRY BYRON.

Witnesses:

ANDREW J. LAMBERTSON,
GEORGE M. WILFORD.