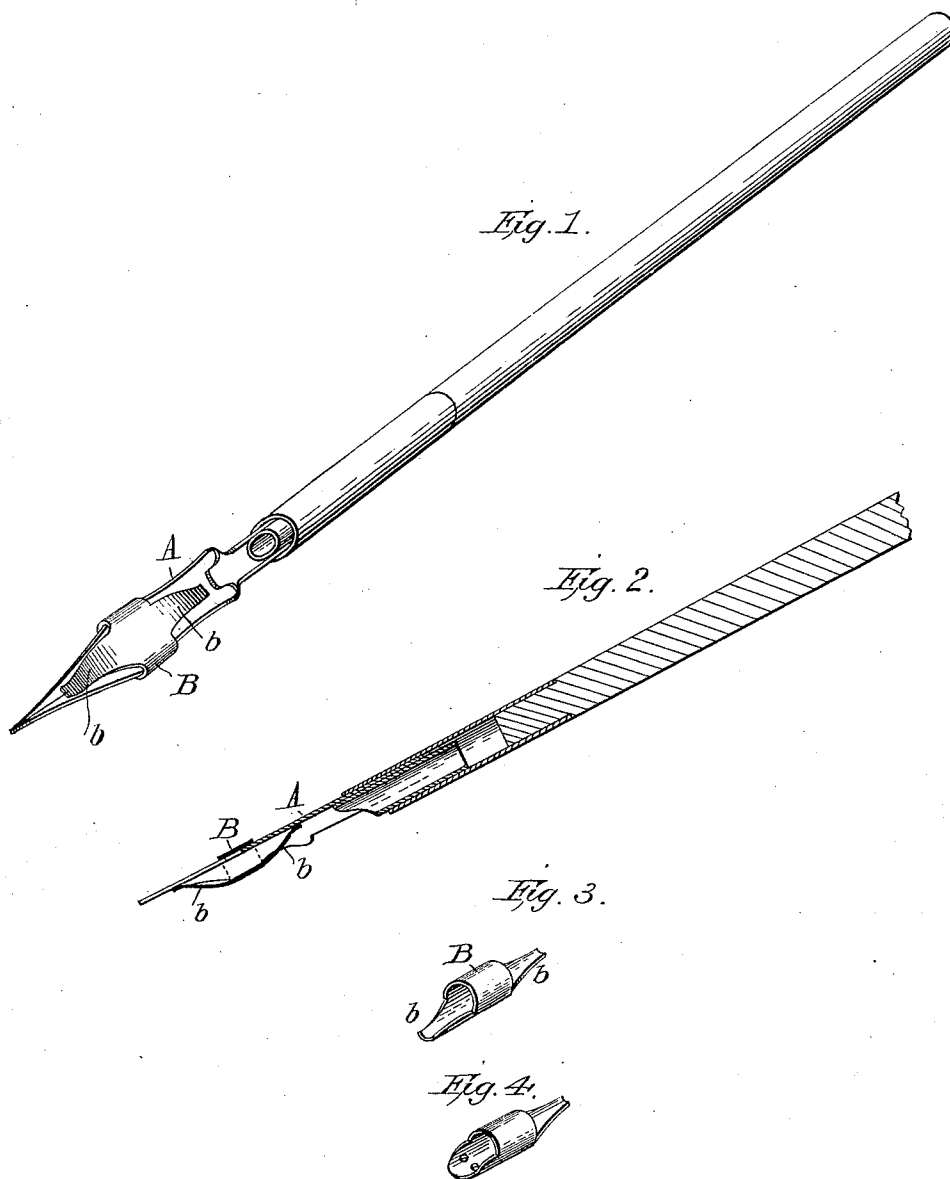


(No Model.)

E. W. BRADFORD.
FOUNTAIN ATTACHMENT FOR PENS.

No. 513,002.

Patented Jan. 16, 1894.



WITNESSES
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ERNEST W. BRADFORD, OF INDIANAPOLIS, INDIANA.

FOUNTAIN ATTACHMENT FOR PENS.

SPECIFICATION forming part of Letters Patent No. 513,002, dated January 16, 1894.

Application filed November 1, 1893. Serial No. 489,749. (No model.)

To all whom it may concern:

Be it known that I, ERNEST W. BRADFORD, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Fountain Attachments for Pens; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My said invention consists in an improved construction of fountain attachments for pens, which are inexpensive to manufacture, may be readily applied to any ordinary pen, of whatever size or form, and are adapted to hold a considerable quantity of ink in close relation to the pen point and feed it thereto, and at the same time prevent said ink from flowing back upon the pen holder and the fingers of the user when the pen is pointed upward, all as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts: Figure 1 is a perspective view of a pen provided with one of my improved attachments; Fig. 2, a central longitudinal section through the same; Fig. 3, a perspective view of the attachment as it appears before applied to the pen, and Fig. 4, a similar view of a modified form.

In said drawings the portion marked A represents the pen, and B the fountain attachment. The pen, A, is or may be any ordinary writing pen of whatever size or form, and needs no special description. The fountain attachment, B, consists of a short band or tubular section of elastic material, preferably rubber, having a tongue or projection, *b*, on each end on one of its sides. These projections preferably taper from the juncture with the tubular section to a narrow but square point as shown, but the particular form is not material. The projections are preferably duplicates, but, as shown in Fig. 4, one may be wide and perforated to admit the ink. When such a form is used, the wide projection is intended to extend back from the point of the pen, but with the form shown in the other figures the attachment may be

applied either end first, and all liability of mistakes by those not familiar with its use is thus avoided. With this form the ink is admitted to the fountain through the apertures left at the side of the projections, *b*.

The device is applied by simply pulling it on over the point of the pen with the projections, *b*, on its under side, until the end of the forward projection is a short distance behind the point of the pen. By reason of the device being made of elastic material, the central tubular section may be stretched on over a pen of any size, and is thus adapted for use with the smallest and largest sizes. The stretching of this central portion also draws the ends of the projections, *b*, up against the under side of the pen and holds them in this position by the inherent tension, without further assistance, forming a perfect fountain. By dipping the pen in the ink, the fountain readily fills through the apertures at the sides of the projections, *b*, and is ready for use. By this simple attachment any ordinary pen may be readily converted into a fountain pen with all the advantages and convenience thereof.

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

1. A fountain attachment for pens consisting of a band of elastic material to embrace the pen having projections extending out therefrom toward the ends of the pen, substantially as set forth.

2. A fountain attachment for pens, consisting of an elastic band with a projection on each end and the same side thereof, substantially as set forth.

3. The combination of the pen, A, and the fountain attachment, B, mounted thereon, said attachment consisting of an elastic band embracing said pen formed with a projection on each end of its under side, the end of each projection being held in close proximity to the under side of the pen by the inherent tension of the material, substantially as set forth.

In testimony whereof I affix my signature, in presence of two witnesses, this 31st day of October, 1893.

ERNEST W. BRADFORD.

Witnesses:

F. L. OURAND,
JOS. GREGORY.