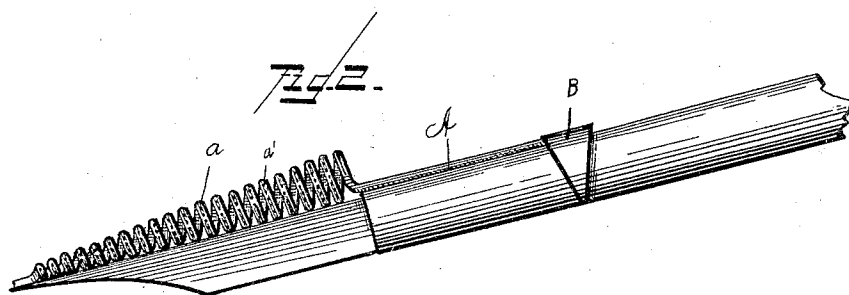
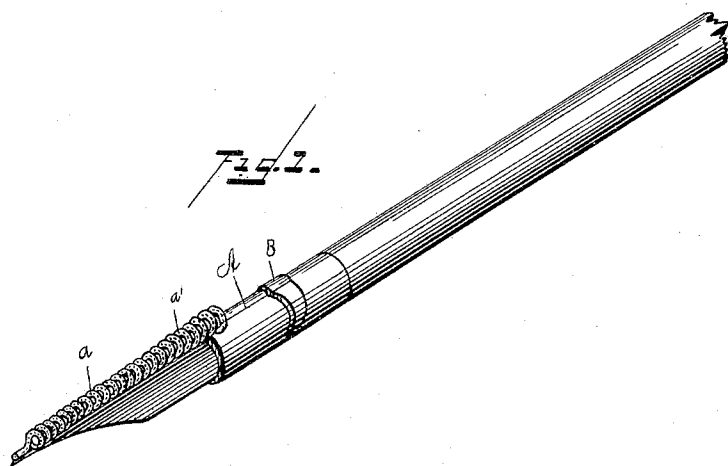


(No Model.)

A. M. FOX.
FOUNTAIN PEN.

No. 409,952.

Patented Aug. 27, 1889.



Andrew M. Fox

INVENTOR

WITNESSES
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UNITED STATES PATENT OFFICE.

ANDREW M. FOX, OF MIAMISBURG, OHIO.

FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 409,952, dated August 27, 1889.

Application filed May 6, 1889. Serial No. 309,689. (No model.)

To all whom it may concern:

Be it known that I, ANDREW M. FOX, a citizen of the United States, residing at Miamisburg, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Fountain-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 invention relates to improvements in attachments for pens; and it consists in certain novel features hereinafter fully described and claimed, the object of which is to provide a fountain or reservoir to be filled with ink and held immediately above the split dividing the nibs of the pen, so as to provide a free and continuous flow of ink for a longer time than is possible without my attachment. The flow is regulated by the amount of pressure placed upon the pen, and it will be seen that the operator has full control of the supply of ink. This result I attain by means of the device hereinafter fully described, and referred to in the accompanying drawings, in which similar letters of reference designate corresponding parts in all the views.

Figures 1 and 2 are perspective views of my invention as applied to use, slightly varied in form, while Fig. 3 is a detail view of part of the reservoir, showing the perforations indicated by *a'*.

My invention consists, essentially, of a perforated tube A, of small diameter, so bent spirally at one end as to form a cone-shaped reservoir *a*, the smaller end of which forms the lower end of such reservoir when in use. This cone-shaped reservoir may be made of any desired size, thereby varying its ca-

capacity. The portion of the tube not used in forming the reservoir is to remain unbent and to reach up to the collar or housing B, such collar being intended partly for the purpose of encircling the pen-holder, thereby securing the reservoir in position immediately above the nibs of the pen. The lower end of the hollow tube forming the conical reservoir is to be perforated with many minute holes, the purpose of which is to release the ink after such tube has been filled.

In operation the collar is attached to the holder in such a manner as to secure the reservoir in a position immediately above the slit in the pen, so that such reservoir will rest closely but lightly upon the same. The pen, with my attachment, is dipped into the ink, and in such manner the reservoir is filled and the contents held in suspension by the closely-fitting bends of the tube and gradually released through the same and through the minute holes in the tube and fed to the pen as its use may require, and it will be clearly seen that the amount of pressure brought to bear on the pen regulates the opening of the slit between the nibs of same, and in such way controls the supply of ink.

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

The attachment for pens, composed of the cone-shaped spirally-bent perforated tube, the extension *b*, and collar B, as shown.

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

ANDREW M. FOX.

Witnesses:

EMMA A. FOX,
MATTIE V. FOX.