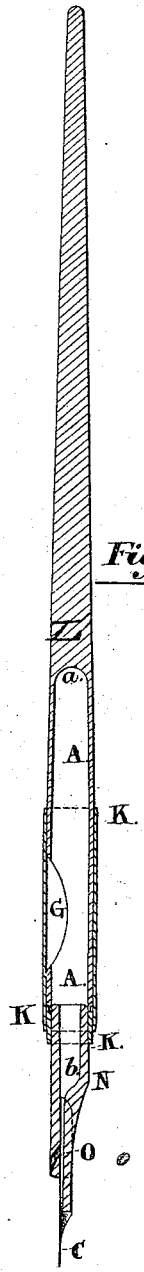
J. M. MIGHT & C. W. H. TAYLOR.

FOUNTAIN-PEN.

No. 186,942. Patented Feb. 6, 1877.

*Fig. 1.*



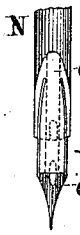




*Fig. 2.*

*Witnesses.*

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **186,942**, dated February 6, 1877; application filed August 15, 1876.

*To all whom it may concern:*

Be it known that we, JOHN MORROW MIGHT and CHARLES WILLIAM HOPE TAYLOR, both of the city of Toronto, in the county of York, Ontario, publishers, have invented a new and Improved Self-Feeding Pen; and we do hereby declare the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings.

The object of our invention is to make a pen-holder containing an ink-reservoir of such form and arrangement that any ordinary pen-nib may be fitted into, and used in, the said holder, and fed with the ink contained therein.

It consists in forming a chamber in the end of the holder, plugged by a non-corrosive plug, for holding the nib. The tube thus plugged forms a reservoir for the ink, which flows onto the nib through a small hole in the plug, as hereafter described.

Figure 1 shows a sectional view of reservoir cut out of holders. Fig. 2 represents a sectional front view of the plug and pen-nib.

All self-feeding pens with which we are familiar can only produce lines of uniform thickness, and therefore they have not met with the approbation of writers generally.

Our invention has been designed with the view of obtaining the advantages of a self-feeding pen, while at the same time permitting each individual user thereof to choose the kind of pen-nib he has been accustomed to, or which may be best suited for his particular style of writing.

A represents the ink reservoir or chamber formed in the large end of an ordinary pen-holder, L. K is a piece of rubber tube, slipped over the holder L, which has a chamber or reservoir, A, made in it, as shown. N is a non-corrosive plug, inserted into the end of the holder L. Into this plug the nib C fits, and a small hole, O, through the plug N, conducts the ink from the reservoir or chamber M onto the nib. The rubber tube K fits over the holder L, for the purpose of covering the hole G, cut through its side.

In order to fill the reservoir A, it is necessary to withdraw the plug N and pour the ink in. The ink is expelled by pressing the thumb or finger upon the rubber tube or inclosing-case K, over the recess G in the cylinder A, thereby forcing the ink from the chamber or reservoir A down through the plug N, tapered end *b*, and small hole O, to the nib-point C.

In order to fill the reservoir when made as shown in Fig. 1, a piston might be inserted therein.

What we claim as our invention is—

The fountain-pen herein described, consisting of holder L, with recessed chamber A G formed in its large end, inclosing elastic case K, tapered plug N, with tapered hole *b* O and nib C, all constructed and arranged to operate as and for the purposes set forth and shown.

Toronto, July 25, 1876.

JOHN MORROW MIGHT.

CHARLES WILLIAM HOPE TAYLOR.

In presence of—

DONALD C. RIDOUT,

RICHARD E. HEWAT.