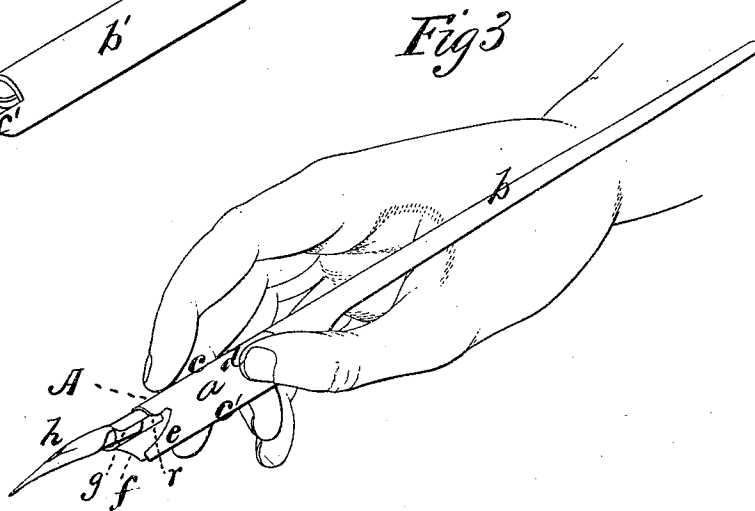
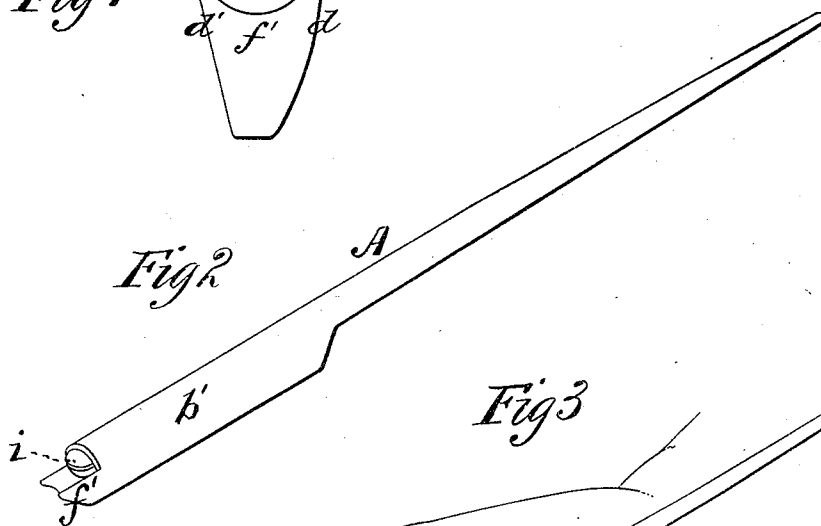
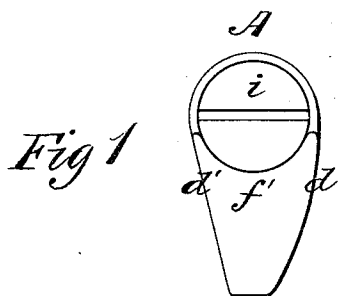


G. P. TINDALL.

PEN-HOLDER AND FOUNTAIN-PEN.

No. 179,670.

Patented July 11, 1876.



WITNESSES

Villette Anderson.
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GEORGE P. TINDALL, OF YPSILANTI, MICHIGAN.

IMPROVEMENT IN PEN-HOLDERS AND FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **179,670**, dated July 11, 1876; application filed November 6, 1875.

To all whom it may concern:

Be it known that I, GEORGE P. TINDALL, of Ypsilanti, in the county of Washtenaw and State of Michigan, have invented a new and valuable Improvement in Pen-Holders; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of an end view of my pen-holder. Figs. 2 and 3 are perspective views.

This invention has relation to improvements in pen-holders; and it consists in a pen-holder which is flattened, slightly oval on the thumb side, flat on the finger side, and so projected on its lower front end as to afford a bearing or support for a fountain of any convenient size and material, the peculiar shape affording an easier grasp to the writer in the best-approved position for writing, and the projecting lip thereon effectually supporting the fountain and holding it in proper position for feeding the ink to the pen, as will be hereinafter more fully explained.

In the annexed drawings, the letter A represents a pen-holder, consisting of a metallic tip, *a*, and a wooden staff, *b*, fitting snugly therein. In cross-section the metallic tip *a* is of oblong form, being rounding upon its upper edge, as shown at *c*, and tapering gradually to its lower edge, where it may be also slightly rounded, as shown at *c'*. The side of the tip against which the thumb rests is slightly oval, the other or finger side being flat, as shown, respectively, at *d* and *d'*. The lower front edge of this tip projects considerably beyond the corresponding front upper edge of the same, as shown at *e*, Fig. 3. Staff *b* is of corresponding shape, and is thrust through the tip in the usual manner. In this position the front lower end *f* of the staff projects beyond extension *e* of the tip, and is sustained thereby, and the projection *f* being rabbeted, a recess is formed between its upper edge and the pen-holding part of the tip, in which a fountain, *g*, will be received, as shown in Fig. 3.

This fountain will be made of any suitable springy material, and will be sprung into re-

cess *r*, into which it will be held by its reaction. When thus arranged the extension of the staff will afford it adequate support, and its own reaction will hold it up against the under side of the pen *h*, as well as confine it in the recess *r*, formed as above described. The upper end of the fountain, which is preferably of the general form of a cone, is open, in order that when the pen is dipped into the ink a supply thereof may be received into it, and it is also opened upon its upper edge, so that when in use the ink may flow upon the under side of the pen.

It is evident that tip *a* may be dispensed with, and that the staff may be made to perform the functions of both the tip and the staff by boring out the end of the latter and inserting therein the usual split plug *i*, shown in Fig. 2, for the purpose of holding the pen.

In this construction the part *b'* of the staff will be of the form of tip *a*, above described, and will be provided upon its lower front edge, corresponding with the extension *e* of the tip, with a projecting lip, *f'*, which will support the fountain when it is inserted between the pen and the said lip, as above described.

The peculiar shape of the holders at the portion seized by the fingers is admirably adapted to preventing them from rotating and producing a vicious habit of writing with one or the other point of the nib of the pen, because of the hold which the thumb and fingers take upon it.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination with a pen-holder, A, having a projecting lip, *f*, forming, with the holding portion of the holder, a recess, *r*, of a detachable ink-fountain, adapted to be inserted into the said recess, substantially as specified.

2. A pen-holder, having a split plug, *i*, recessed into its lower end, and a lip, *f'*, upon its lower end, projecting beyond the upper part of the holder, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses

GEORGE P. TINDALL.

Witnesses:

JOHN G. CRANE,
F. HINCKLEY.