

D. S. HOLMAN.

Marking Pens.

No. 143,347.

Patented September 30, 1873.

Fig. 1.

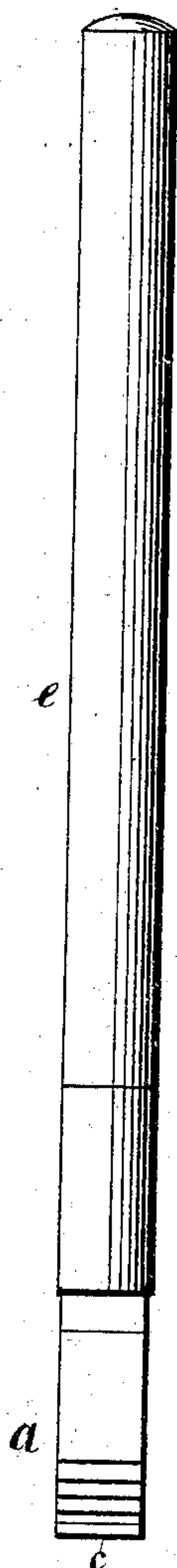


Fig. 2.



Witnesses.

Wm S. Kelley
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UNITED STATES PATENT OFFICE.

D. SHEPHERD HOLMAN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN MARKING-PENS.

Specification forming part of Letters Patent No. **143,347**, dated September 30, 1873; application filed July 5, 1873.

To all whom it may concern:

Be it known that I, D. SHEPHERD HOLMAN, of the city and county of Philadelphia, and State of Pennsylvania, have invented certain Improvements in Marking-Pens, of which the following is a specification:

The nature of this invention consists in a marking or writing instrument constructed with two or more flexible nibs, turned face to face, so that lines of various widths may be drawn by moving the pen or instrument transversely to the slit or parting between the nibs, or parallel thereto, as the breadth of the lines may require. It consists, also, in the combination of several leaves or nibs, or other devices, to retain a quantity of the ink or coloring matter, so that long lines may be drawn without interruption. The object of the invention is to produce a marking instrument for drawing broad lines, or lines of varying width, for the purpose of graphic delineation, writing directions or inscriptions, or for any purpose when the writing and marking require more boldness than can be attained with an ordinary writing-pen.

Figure 1 is a front, and Fig. 2 a side, view of one of my improved marking-instruments.

The flexible leaves *a* are composed, by pref-

erence, of anti-corrosive metal, thin enough to yield or bend in use, so that the ink will pass out between the two bottom leaves *c c*, which constitute the nibs of the pen. These leaves *a* are soldered or joined together to form a shank which is inserted in an ordinary feruled holder, *e*. The top leaves, which may be many or few, as the use of the instrument requires, are to retain and distribute the ink to the lower or marking nibs. These leaves and the upper or top division of the main nib are perforated to allow the ink to pass through, and facilitate the feeding or delivery to the writing-points. The width of the nibs or leaves of these instruments are made to equal that of the broadest line that they are to make, and may vary from a narrow line to one-half inch, or greater widths, if needed.

I claim as my invention—

A pen, substantially as shown and described, having a lower plate whose nib determines the maximum width of the stroke, and a superposed plate or plates to carry the ink.

D. SHEPHERD HOLMAN.

Witnesses:

WM. S. KELLEY,
WILLIAM H. WAHL.