J. C. MOSS.
Ruling-Pen.

No. 200,328. Patented Feb. 12, 1878.

Fig. 1

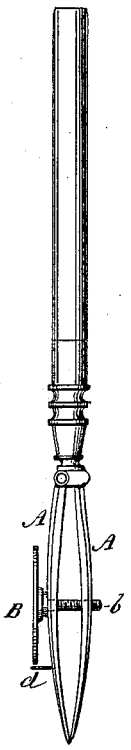
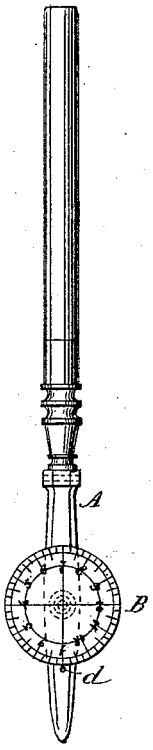


Fig. 2



WITNESSES:
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UNITED STATES PATENT OFFICE.

JOHN C. MOSS, OF NEW YORK, N. Y., ASSIGNOR TO PHOTO-ENGRAVING-COMPANY, OF SAME PLACE.

IMPROVEMENT IN RULING-PENS.

Specification forming part of Letters Patent No. **200,328**, dated February 12, 1878; application filed September 10, 1877.

To all whom it may concern:

Be it known that I, JOHN CALVIN MOSS, of the city, county, and State of New York, have invented a new and Improved Ruling-Pen, of which the following is a specification:

Figure 1 is a side elevation of my improved ruling-pen. Fig. 2 is a front elevation of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide a ruling-pen whereby the thickness of the ruled lines may be conveniently and accurately regulated.

My invention consists in combining a graduated index with the pen, so that the blades of the pen may at any time be quickly set to correspond with the width of any line that it may be desirable to rule.

A A are the blades of an ordinary ruling-pen, having the adjusting-screw *b*, which passes through one of the blades and screws into the other, in the usual way. To the head of the screw *b* a disk or finger-wheel, B, is attached, which is of sufficient diameter to admit of turning the screw to adjust the pen-blades by the application of one of the fingers of the hand in which the pen is held to the edge of the disk. The edge of the disk or wheel should be milled, to insure a firm hold of the finger. The circumference of the disk B is divided into a number of equal parts, which are indicated on its face by lines of different lengths and by figures.

A pin, *d*, projects from the blade adjoining the disk, and serves as a fixed index for the disk B, so that when the disk is turned through a certain distance for the successive lines, it may be stopped with the appropriate mark or graduation opposite the pin *d*.

When it is required to produce a line of a given width, it is done by bringing the graduation on the disk representing a line of that width opposite the index-pin *d*; and when it is required to duplicate a line after having changed the adjustment of the pen, the former adjustment may be had by bringing the appropriate graduation opposite the pin *d*.

In making graduated line tinted surfaces the disk is turned through a greater or less distance for each line, as the work in hand may require.

The device may be modified by attaching a figured disk to the pen-blade, and allowing the adjusting-screw of the pen to project through it, and attaching thereto an index, which may be moved over the face of the disk to adjust the distance between the blades.

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

The combination of the graduated disk with the screw, the jaws of the pen, and a pin or indicator, substantially as shown and described.

JOHN C. MOSS.

Witnesses:
C. SEDGWICK,
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