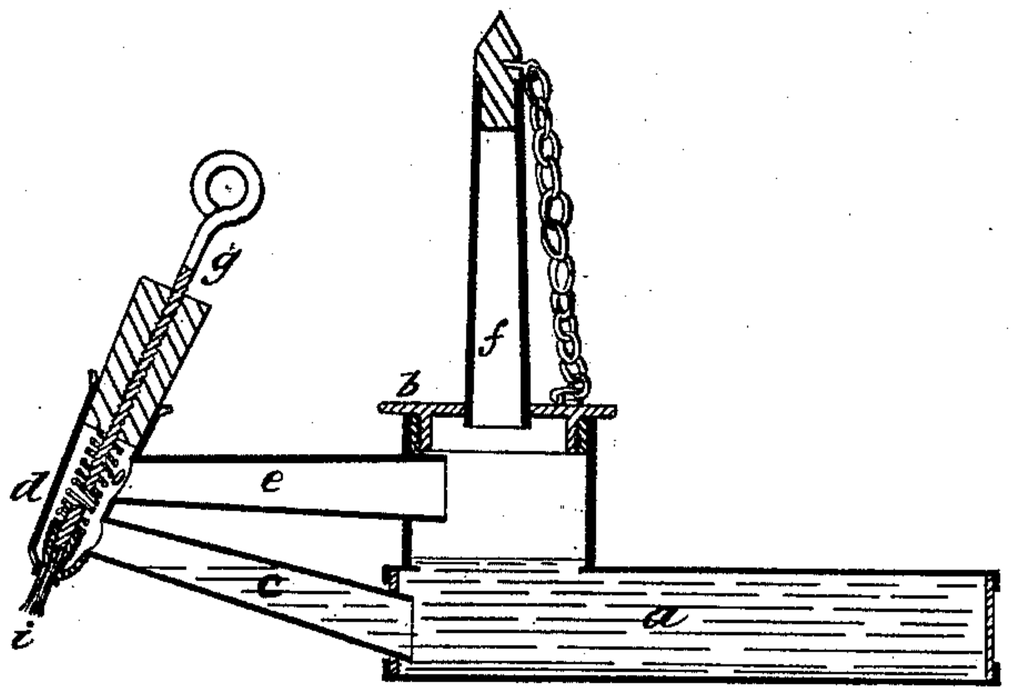
T. Fowler.

Marking Brush.

No. 2,982.
33,986.

Patented Dec. 24, 1861.



Witnesses.

Samuel W Sewell

Thos Geo Harold

Inventor.

Thaddeus Fowler

UNITED STATES PATENT OFFICE.

THADDEUS FOWLER, OF RICHMOND VALLEY, NEW YORK.

IMPROVED MARKING-BRUSH.

Specification forming part of Letters Patent No. **33,986**, dated December 24, 1861.

To all whom it may concern:

Be it known that I, THADDEUS FOWLER, of Richmond Valley, in the county of Richmond and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Marking-Brushes; and I do hereby declare that the following is a full, clear, and exact description of my said invention, reference being had to the annexed drawing, making part of this specification, wherein I have represented a vertical section of my improvement.

Several marking-brushes have heretofore been constructed in which a fountain of ink or paint was provided to supply a brush, in all these instances, however, the ink being above the brush and regulated in its delivery to the brush by a valve or other similar means to prevent too much ink passing to the brush. Great difficulty exists in preventing the supply either becoming obstructed or flowing too fast so as to blot.

The nature of my said invention consists in a reservoir or receptacle combined with a brush fitted at the end of a hollow arm extending from the reservoir and slightly inclined upward, whereby the brush itself is above the ordinary level of the liquid when not in use, and the act of applying the brush to the article to be marked and elevating said receptacle more or less above the brush regulates the supply of ink without the use of valves or air-tight reservoirs. In all instances the level of the marking-fluid is regulated by the inclination of the instrument while in use, and air being admitted above the surface of said liquid it will always find its level in the pipe or arm and reservoir, and hence can either be supplied freely to the brush or not at all, according to circumstances.

In the drawing, *a* is my reservoir, of the desired size, which should be flat in order to set firmly on a desk, counter, or other place where such articles are usually required.

b is a screw-cap, through which the ink or other marking material is to be supplied.

c is a hollow arm or pipe extending at a slight inclination from the reservoir to the brush-tube *d*.

e is a return air-pipe, and *f* is an air-pipe that may be employed in the cap *b*.

The brush *i* is attached to the cork or stopper of the tube *d* by the helical spring *o*, and *g* is a screw passing through said cork or stopper and taking the end of said brush. It will now be seen that by taking the reservoir *a* in the hand and inclining it so as to bring the brush down upon any article to be marked the ink flows along the hollow arm and surrounds the base of the hairs of the brush, and as said brush is pressed on more or less, so the brush rises slightly and the liquid descends nearer toward the point of the brush and flows more freely, and the reverse, the screw *g* determining this amount of motion, and when not in use the ink runs back into the reservoir *a*.

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

1. The hollow arm *c*, inclined upward from the reservoir *a*, and the brush *i* at the end thereof, arranged in the manner and for the purposes specified.

2. Arranging the marking-brush *i*, spring *o*, and screw *g*, substantially as set forth, whereby the flow of liquid is regulated by the motion of the brush when pressed upon, as set forth.

As witness my signature this 18th day of November, 1861.

THADDEUS FOWLER.

Witnesses:

LEMUEL W. SERRELL,

THOS. GEO. HAROLD.