C. E. WHEELER.

Fountain Marking-Tool.

No. 215,549. Patented May 20, 1879.

Fig. 2.

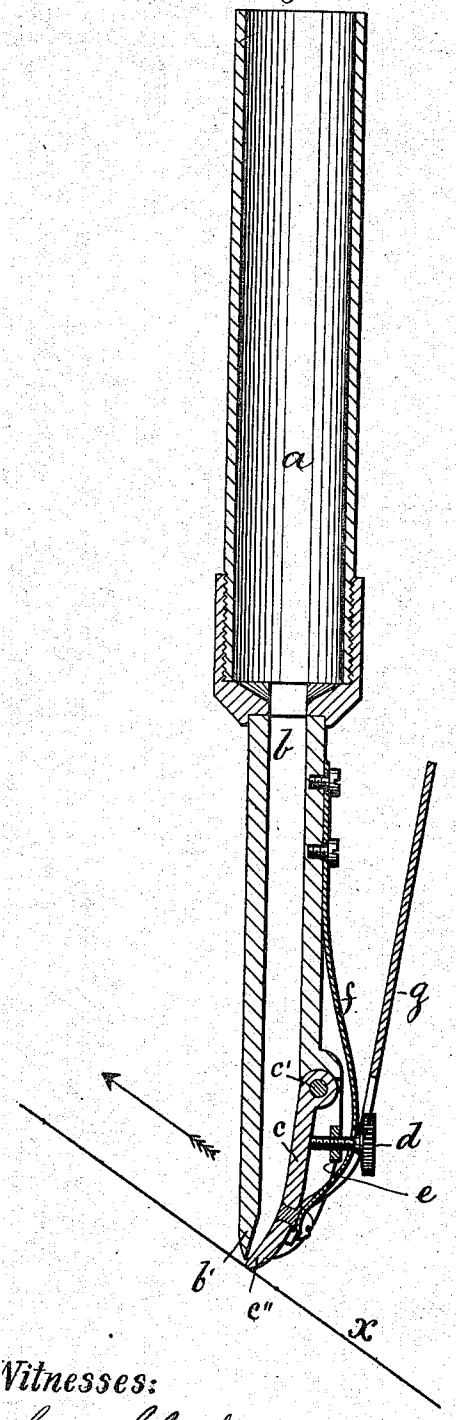
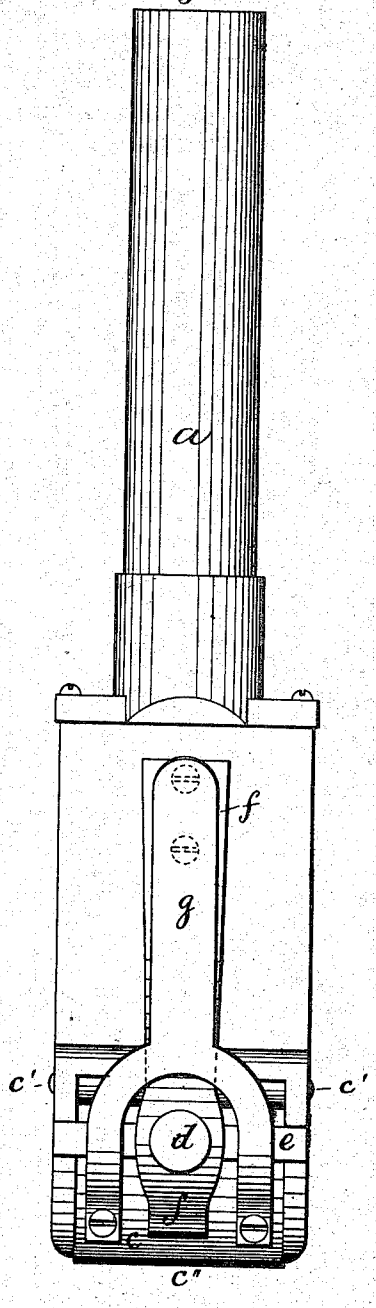


Fig. 1.



Witnesses:

Henry Chadbourn.

Edwin R. Bostwick

Inventor:

Charles E. Wheeler.

by Wilson Gudrew

his atty.

UNITED STATES PATENT OFFICE.

CHARLES E. WHEELER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN FOUNTAIN MARKING-TOOLS.

Specification forming part of Letters Patent No. 215,549, dated May 20, 1879; application filed April 19, 1879.

To all whom it may concern:

Be it known that I, CHARLES E. WHEELER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Marking-Tools; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in marking-tools for the purpose of lettering cloth, awnings, or bulletins, or for similar and kindred purposes; and it consists of a fountain or receptacle adapted to contain the paint or liquid used, a channel or hole leading from said receptacle to the outlet at the bottom of the tool, which outlet is made in the form of an adjustable valve or gate-piece, that is movable on a fulcrum-pin, is self-closing by means of a spring, and its extent of opening regulated by means of a regulating set-screw, against which the valve impinges when opened to the desired extent. The extreme lower end of the valve is made rounded off or curved, and projecting a little below the stationary part of the tool, for the purpose of allowing the valve to open without any other manipulation than that of drawing the tool gently over the material that is to be marked or lettered, as well as for the purpose of smoothing the paint or liquid evenly on the material. A lever is attached to the valve by means of which it can be easily opened and retained in an open position during the process of marking or lettering, as may be desired.

The said lever may be dispensed with for the purpose of marking bulletins, bundles, &c.; but for nicer work—such as lettering generally cloths, awnings, canvas signs, &c.—I prefer to use the said lever for the purpose of opening and retaining the valve in an open position during the progress of the work, without pressing it too hard against the material that is being marked or lettered.

The valve and its opening may be of any desired width, according to the width of the line that is to be drawn; and a narrow pair of these tools may be used side by side on a frame or beam, so as to draw the edges or outlines of letters, the body of which is afterward to be filled in by a brush, in the usual manner, or left blank, as may be desired.

In the accompanying drawings, Figure 1 represents a front elevation of my improved marking-tool, and Fig. 2 represents a central longitudinal section of the same.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a is the fountain or receptacle for containing the paint or liquid. *b* is the hole or channel, terminating below as a stationary lip, *b'*, that forms one of the walls for the exit-opening. *c* is the adjustable valve or gate hinged to the fulcrum-pin *c'*, and having its lower end, *c''*, rounded off and projecting below the stationary lip *b'*, as and for the purpose set forth. *d* is the regulating-screw for the valve *c*, as set forth, passing through the screw-threaded part of the stationary bridge *e*, as shown. *f* is the valve-spring, secured in its upper end to any stationary part of the tool, as shown, and having its lower end pressing upon the valves, as and for the purpose set forth. *g* is the lever, secured to the valve *c*, for the purpose set forth.

The line X in Fig. 2 represents the material or article to be marked, and the arrow shown in said figure represents the direction in which the tool is drawn.

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

The herein-described fountain marking-tool, consisting of the fountain or receptacle *a*, hole or channel *b*, the adjustable valve *c*, with its rounded projecting lip *c''*, the regulating-screw *d*, and spring *f*, with or without the lever *g*, as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I have affixed my signature in presence of two witnesses.

CHARLES E. WHEELER.

Witnesses:

ALBAN ANDRÉN,

HENRY CHADBOURN.