

S. J. HOGGSON.
Fountain-Type.

No. 219,861.

Patented Sept. 23, 1879.

Fig. 1

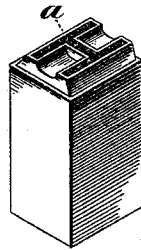
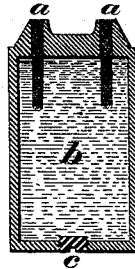


Fig. 2



Witnesses.
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN FOUNTAIN-TYPE.

Specification forming part of Letters Patent No. **219,861**, dated September 23, 1879; application filed May 26, 1879.

To all whom it may concern:

Be it known that I, SAMUEL J. HOGGSON, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Fountain-Type; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view; Fig. 2, a vertical section.

This invention relates to an improvement in type for printing purposes; the object being to construct the type so as to supply its own ink, that different letters in the same form may be of different colors, or that, used in combination with common type, the common type will receive the ink, in the usual manner, all of one color, while the self-supplying or fountain type—capitals, for instance—will deliver their own color, and thus ornament the page or attract attention to particular points, as for advertisements.

The invention consists in the construction of type as hereinafter described, and particularly recited in the claim.

The type shown is the letter H; but it will be understood they may be letters, figures, or illustrations.

The size and shape of the type are substantially the same as for general printing purposes, and so as to be set up with such type. The face is open, as at *a*, and the body of the type preferably made hollow, to form a chamber or fountain, *b*, and with a convenient filling-opening, *c*, fitted with a suitable stopper, and through the open face a wick of any material possessing capillary attractive properties is introduced flush with the face or edge

around the opening. The fountain is filled with the required ink and the type is ready for use. The wick will deliver the color at every impression, and produce a letter, figure, or illustration according to the open face.

The ink supplied to the fountain may be of such a nature that common printing-ink will not adhere to the filled face. Then, when set with other type, the inking-roll passed over the form will ink only the common type, so that in taking an impression from the form the fountain-type will deliver and produce their own color, while the common type will produce the color applied to them by the roll.

The type may be made so as to present an edge of metal around the open face, as seen in Fig. 1, and that edge take ink from the roll. In that case a border of one color filled by another color will be the result.

It is not essential that the type be chambered out to form the fountain, as a cavity in the face may contain sufficient ink for many impressions; but the chamber with the wick is preferred, as producing the best results.

The fountain may be filled by absorption, by simply setting the face of the type in the ink.

This improvement is peculiarly adapted to hand-stamps, such as now commonly use ink-ribbons, or for post-office and similar uses.

I claim—

The herein-described fountain-type, constructed with an opening in the face corresponding to the letter, character, or figure to be produced, and charged with self-supplying ink, substantially as specified.

SAMUEL J. HOGGSON.

Witnesses:

J. H. SHUMWAY,
JOS. C. EARLE.