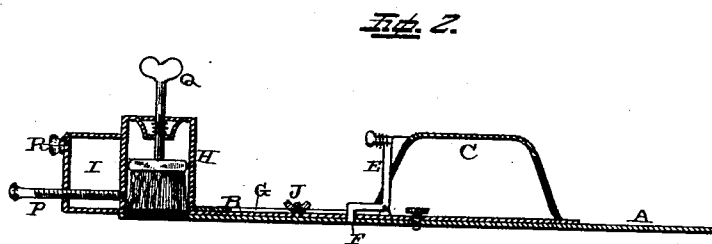
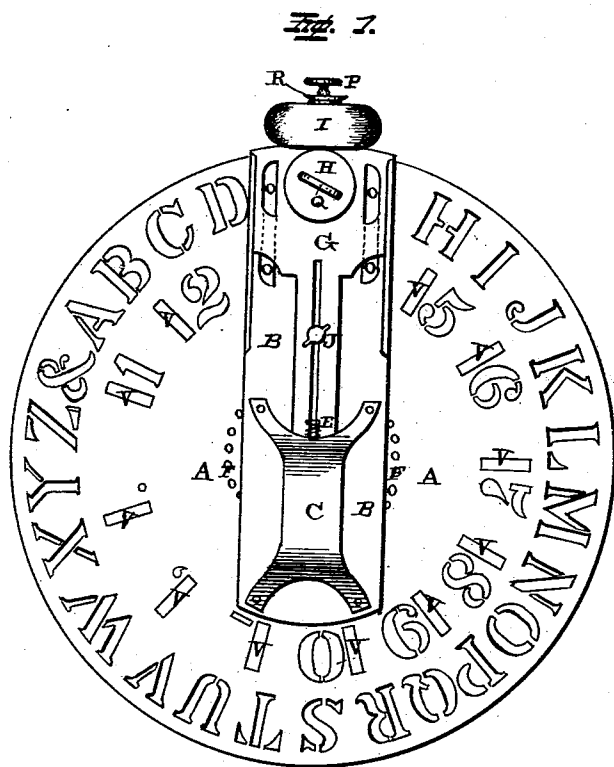


(No Model.)

J. T. WILLIAMSON.
STENCIL PLATE.

No. 257,423.

Patented May 2, 1882.



WITNESSES.

W. H. Mortimer.
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INVENTOR.

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UNITED STATES PATENT OFFICE.

JOSEPH T. WILLIAMSON, OF RALEIGH, NORTH CAROLINA.

STENCIL-PLATE.

SPECIFICATION forming part of Letters Patent No. 257,423, dated May 2, 1882.

Application filed February 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH T. WILLIAMSON, of Raleigh, in the county of Wake and State of North Carolina, have invented certain new and useful Improvements in Stencil-Plates; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in stencils; and it consists in the combination of a circular stencil-plate having suitable figures, letters, or characters formed around its edge, with a suitable plate or frame which is pivoted at the center of the plate, and which is provided with a marking-brush and reservoir, as will be more fully described hereinafter.

The object of my invention is to provide a stencil which can be used for printing any desired number of words, letters, figures, or numbers from a single plate, and which can be readily adjusted so as to be rapidly used.

Figure 1 is a plan view of my invention complete. Fig. 2 is a vertical section of the same.

A represents the stencil-plate, which has a series of letters, figures, words, characters, or symbols cut through its outer edge, as may be preferred. The figures are here shown arranged inside of the letters; but, if so desired, the figures may be placed outside. Pivoted to this plate at its center is the swinging frame B, which is provided with an operating-handle, C. For the purpose of holding this swinging frame upon any letter, figure, or other symbol which may be stamped through the plate, the handle is provided with a spring-catch, E, which has its lower end to catch in the holes F, which are made in a circle around the pivot. When it is desired to release the frame, so that it can be moved in other directions, this spring-catch is pressed upon by the thumb, and the frame is then left free to move. The edges of

the movable frame are turned inward near its outer end, so as to form a guide, in which the slotted plate G is moved back and forth. This plate has formed upon its outer end the brush box or cylinder H and the ink-reservoir I. This plate is made adjustable back and forth upon the pivoted frame for the purpose of ad-

justing the brush so as to make either a letter or a figure. This adjustment is effected by means of a slot in the sliding plate, and for the purpose of securing the plate in any desired position upon the pivoted frame the two parts are provided with a clamping-screw, J.

Through the outer end of the pivoted frame will be made not only a suitable hole sufficiently large to enable the brush to ink in one of the letters brought beneath it, but through both the pivoted frame and through the sliding plate are made suitable openings, O, so as to show exactly in what position the letter is arranged with relation to the other letters which have already been printed. The operator, looking through the holes O, sees the two letters placed upon opposite sides of the letter that is to be printed, and knows from their relative positions where the letter to be printed should be. The holes O in the swinging or pivoted plate B may be made long enough to extend over the tops of both letters and figures, as shown by dotted lines; or there may be a hole made for each of the letters and figures, while the holes in the sliding plate G will be just long enough for either one alone. The ink-reservoir is filled through the opening R when the plate is held in a vertical position, and this ink is held ready for use at any time. The ink flows into the brush through a small hole made in the side of the brush-cylinder, and which hole can be opened and closed by a set-screw, P, for the purpose of regulating the flow of the ink. The brush is made round, so as to be easily revolved, and is provided with a long handle, Q, by means of which the brush can be revolved when it is desired to print a letter or figure.

In order to keep the brush out of contact with the letters and figures until it is desired to print them, a spring is applied to the handle, so as to keep the brush raised until it is pressed inward by means of the hand.

Whenever it is desired to print a number of letters in succession the sliding plate is moved outward and held in position by means of the set-screw, so as to hold the brush in position. When it is desired to print numbers the brush must be moved inward, so as to rest over the tops of the figures only.

By means of the construction here shown it

will readily be seen that words, sentences, and numbers can be printed from a single plate and with reasonable rapidity.

To the left of each one of the figures, dash, comma, and period is made an aperture, V, which serves as a guide to show, in connection with the holes O, just where the figure should be made. Were it not for this aperture it would be impossible for me to place the figures with anything like uniformity.

Having thus described my invention, I claim—

1. The combination of a plate having suitable figures, letters, or numbers stamped through its edge with a pivoted frame which is provided with a brush and ink-reservoir, substantially as shown.

2. The combination of the stencil-plate, the pivoted frame provided with an ink-reservoir,

and a brush which can be adjusted back and forth upon the frame, substantially as described.

3. The combination of the stencil-plate, a pivoted frame, and a spring locking device which catches in holes made in the stencil-plate for the purpose of locking the pivoted frame in any desired position, substantially as set forth.

4. The combination of a stencil-frame, the pivoted frame provided with a handle, the sliding plate provided with an ink-reservoir, and the handle made adjustable upon the frame, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH T. WILLIAMSON.

Witnesses:

GARLAND JONES,

ANDREW BROADFOOT.