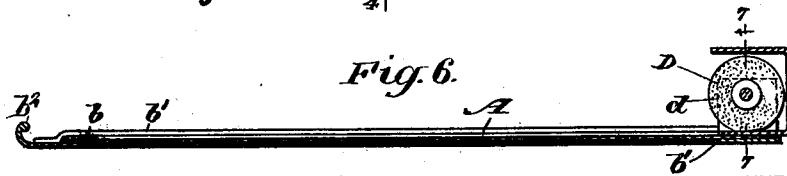
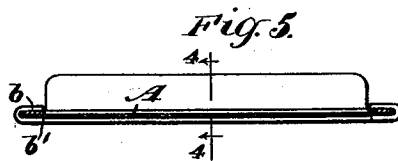
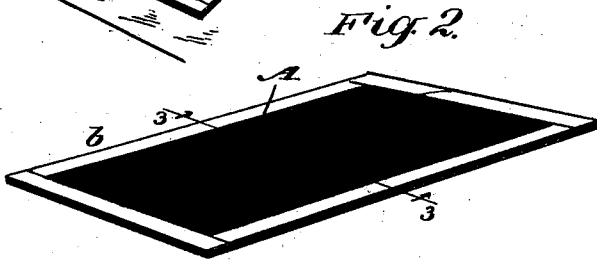
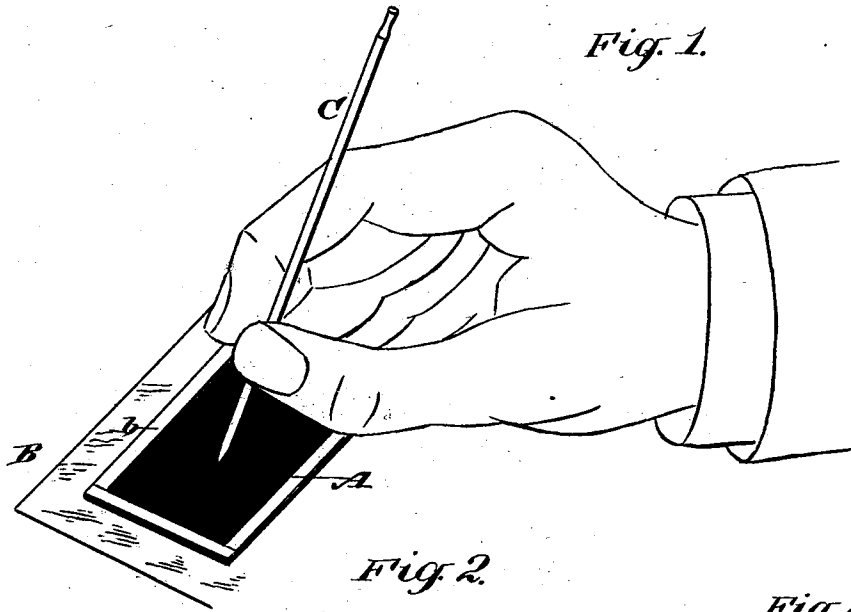


(No Model.)

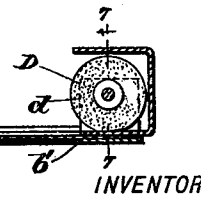
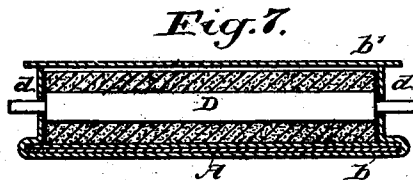
E. W. DODGE.
MARKING DEVICE.

No. 513,897.

Patented Jan. 30, 1894.



WITNESSES:
J. H. Griswold.
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWARD W. DODGE, OF AUGUSTA, GEORGIA, ASSIGNOR OF ONE-HALF TO
CHARLES I. McLAUGHLIN, OF NEW YORK, N. Y.

MARKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 513,897, dated January 30, 1894.

Application filed April 3, 1893. Serial No. 468,839. (No model.)

To all whom it may concern:

Be it known that I, EDWARD W. DODGE, of Augusta, in the county of Richmond and State of Georgia, have invented a new and useful
5 Improvement in Marking Devices, of which the following is a full, clear, and exact description.

This invention relates to hand devices for marking or writing on linen, garments, and
10 other goods or articles, with indelible or colored ink, indirectly or through the agency of an inked ribbon or fabric and style or stylus; and the invention consists in a novel framed and constructed marking device for this purpose, substantially as hereinafter described
15 and more particularly pointed out in the claims, the same virtually forming a transfer slate, and the general term slate will here be used in describing it.

20 Reference is to be had to the accompanying drawings forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a view in perspective
25 of a transfer slate or marking device embodying my invention, and as in use or in the act of being written upon and marking a fabric or article beneath it. Fig. 2 is a perspective view of said slate; and Fig. 3 a transverse
30 section thereof upon the line 3—3 in Fig. 2. Fig. 4 is a longitudinal section, upon a larger scale, on the line 4—4 in Fig. 5, of the framed inking ribbon fitted to slide in or out of an outer case; Fig. 5 a transverse section of the
35 same upon the line 5—5 in Fig. 4. Fig. 6 is a similar longitudinal section to Fig. 4, but showing a self-acting inking roller applied to the outer case for inking the surface of the framed inking ribbon; and Fig. 7 is a trans-
40 verse section upon the line 7—7, in Fig. 6.

In Figs. 1, 2 and 3 of the drawings, A indicates a piece of cloth or other suitable flexible fabric forming the ink or inking ribbon,
45 which is bound and held stretched on its margins by a binding *b* of metal or other suitable stiff material lapping over both its upper and under surfaces, so that when charged or surfaced with marking or colored ink and laid
50 on the article B, to be marked, its lower surface lying over said article will be kept from

contact with the article to mark or soil the same, till pressure is brought by writing with a stylus C, on the upper surface of the ribbon or fabric A. This bound ink or inking ribbon forms a convenient hand marking
55 device or slate to which the marking or colored ink may be supplied by a brush or otherwise.

In Figs. 4 and 5, the ink ribbon or fabric A, is only shown as having the binding *b* applied to its upper surface, the ribbon A, being glued or cemented to the under side of said binding or frame, so that when the ribbon becomes stretched out of shape from being
60 written upon, or when it becomes gummed, torn or worn, it may readily be removed and be replaced by a new ribbon. In this case, the stiff binding *b*, carrying the ink ribbon is fitted to slide longitudinally within and in and out of an open outer frame or case *b'*,
65 which projecting beneath the inked ribbon keeps the latter from lying on the article to be marked, or soiling it, excepting when the stylus is applied to write upon the upper surface of the ribbon. This makes the marking
70 device or slate a perpetual one by drawing out the frame *b* from the outer frame or case *b'*, and simply renewing the ink ribbon as required. In such instance the entire framing inclosing the ink ribbon and retaining it
75 slightly raised above the whole structure is simply divided into two horizontal sections *b* *b'*, instead of being made of a single piece or binding, as in Figs. 1, 2 and 3.

In Fig. 6 of the drawings, substantially the
85 same construction is shown as in Figs. 4 and 5, but the outer frame or case *b'* carries at or near its one end an ink roller D, which serves to fully supply at all times ink to the upper surface of the ribbon A, it only being neces-
90 sary to draw out said ribbon with its frame *b* from the case *b'*, and slide the same back again into said case whenever it is necessary to re-ink the ribbon. This is done by contact of the upper surface of the ribbon with the
95 ink roller D, which is suitably charged or smeared with ink. Said roller may have its bearings in cheeks *d* set slightly inward, on each side of the case *b'*. In this way the marking slate becomes a self-inker. The end
100

of the case or frame b' opposite to the ink roller is formed with an upturned end b^2 , to give a better hold of said case when removing or inking the slate.

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

10 1. A hand marking device or slate comprising an open frame and an ink ribbon or fabric stretched within the frame above its lower face and both surfaces of the ribbon or fabric being exposed, substantially as set forth.

15 2. A hand marking device comprising an open frame having ways in its sides between its upper and lower faces and the removable ribbon or fabric extending across the frame

with its edges in said ways and both of its faces exposed, substantially as set forth.

3. A hand marking device comprising an open frame, a ribbon or fabric stretched across 20 the frame with both of its faces exposed and its lower face in a higher plane than the lower face of the frame and a sliding casing crossing the frame, clipped at its ends thereto and carrying an inking roller to ink the 25 upper surface of the ribbon or fabric, substantially as set forth.

EDWARD W. DODGE.

Witnesses:

W. M. DUNBAR,
THOS. HAMILL.