

E. Allen,

Stencil Plate,

Nº 1,767.

Patented Sep. 4, 1840.

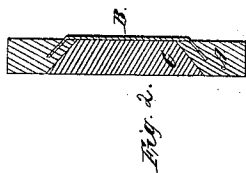
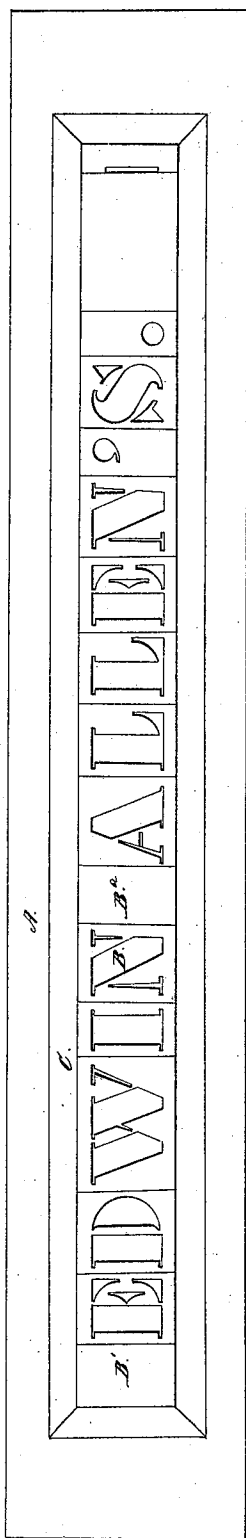


Fig. 1.



UNITED STATES PATENT OFFICE.

EDWIN ALLEN, OF WINDHAM, CONNECTICUT.

STENCIL-PLATE OR APPARATUS FOR MARKING BOXES, &c.

Specification of Letters Patent No. 1,767, dated September 4, 1840.

To all whom it may concern:

Be it known that I, EDWIN ALLEN, of Windham, in the county of Windham and State of Connecticut, have invented a new and useful Apparatus for Facilitating the Painting of Signs, Marking Boxes, Bales, Goods, &c., which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a view of the upper side of the frame of letters. Figs. 2 is a cross section.

This apparatus consists of a rectangular frame A, in which are placed a set of metallic plates B, in grooves, which plates are perforated in letters, periods, commas, spaces, &c., over which plates the brush, with the paint, or coloring matter, is passed with which the impression or printing is to be made on the box, bale, &c. The grooves to admit the plates are made throughout the whole length of the frame, obliquely, and about half through it, the plates being bent at the ends to correspond in shape with said grooves. When the plates are inserted in the grooves they project their thickness beyond the face of the side of the frame which is placed upon the article to be painted. The other or upper side of the frame is recessed where the brush is used as at C.

If it be desired to mark any article, say with the words Edwin Allen's, a blank B' is first inserted in the groove, then the perforated plates B in such order as to spell Edwin, then a blank B'', then the perforated

letters to spell Allen, then a sign of the possessive case, then an s, and then a period. The frame of letters is then placed upon the box, bale, or article to be marked and the brush with the coloring matter is passed over the open letters which passes through the spaces in the plates and leaves an impression corresponding with the shape of the letters on the article to be marked while the solid parts of the plates prevent the coloring matter from touching the parts of the box, bale, bundle, &c., under said solid parts. The frame is then removed leaving a distinct and clear impression of the word or words required the whole being effected in a few seconds with the utmost precision.

In order to hold the plates firmly in the frame the end plates or blanks may be bent less at the ends than the angle of the grooves so as to impinge against the sides thereof and thus act as springs.

To letter curved surfaces the frame and plates must be made of corresponding curvature.

What I claim as my invention and which I desire to secure by Letters Patent consists in—

The combination of the perforated plates and frame as before described for marking boxes, bales, &c.

EDWIN ALLEN.

Witnesses:

E. MAHER,

B. H. MORSELL.