(No Model.)

T. J. MULLALEY.

STENCIL.

No. 429,734. Patented June 10, 1890.

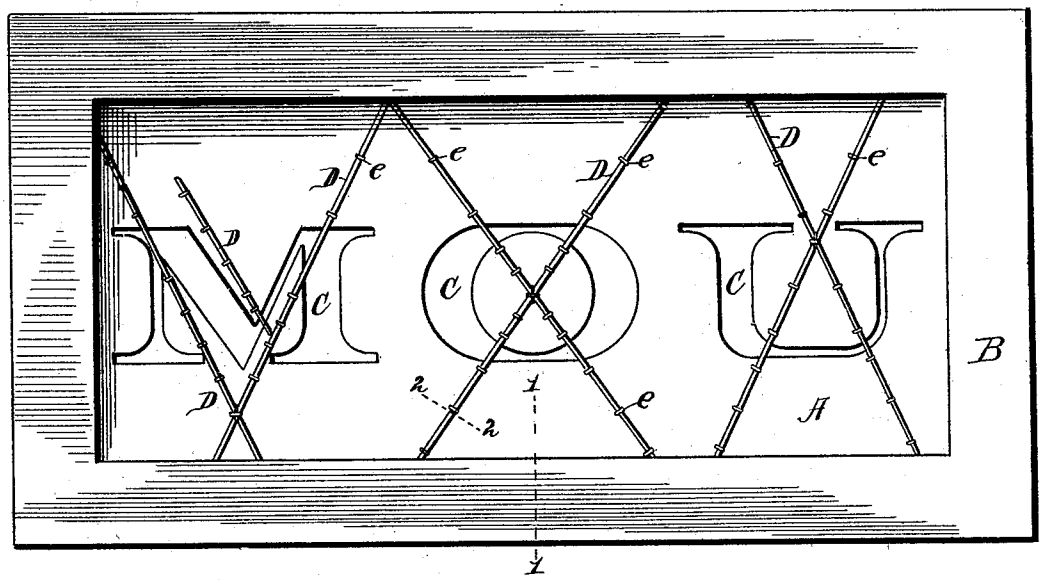


Fig 1

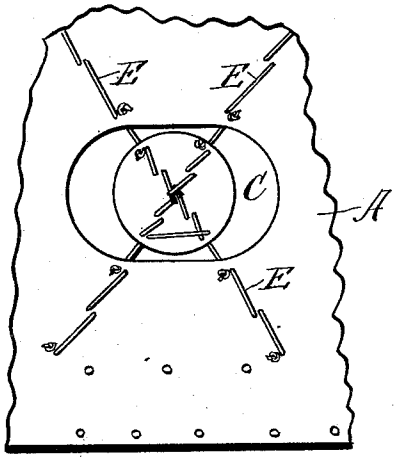


Fig 2

Fig 3

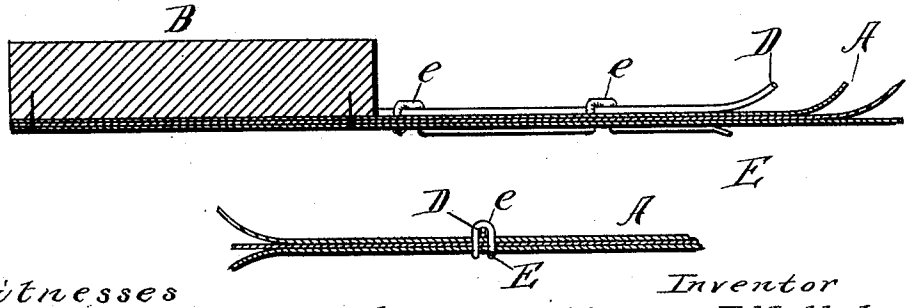


Fig 4

Witnesses
W. C. Leverlich
A. M. Best

Inventor
Thomas J. Mullaley
By Johnson Thacher
Attys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THOMAS J. MULLALEY, OF CHICAGO, ILLINOIS.

STENCIL.

SPECIFICATION forming part of Letters Patent No. 429,734, dated June 10, 1890.

Application filed August 26, 1889. Serial No. 322,045. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. MULLALEY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Stencils, which is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 represents a front view of my invention. Fig. 2 is a back view showing the method of fastening the wires. Fig. 3 is a cross-section on line 1 1 of Fig. 1, enlarged, and showing the construction of stencil-paper; and Fig. 4 is a cross-section, also enlarged, on the line 2 2 of Fig. 1, at right angles to the wire, and showing one of the loops fastening the wire.

Like letters refer to like parts in all the figures of the drawings.

My improvement relates to that class of stencils which consist of cutting the letters or the other characters to be stenciled in a board or plate.

My improvement consists in uniting two layers of paper with a layer of cloth between them, the letters or characters being formed from and held by the board; and it also consists in securing the parts forming the letters, characters, or patterns to be stenciled in the stencil-board in such a manner that the entire letters, characters, or patterns can be marked or stenciled at one operation.

Heretofore in stencil-plates the letters or other characters were not entire or complete, and were necessarily made in detached parts, or were so attached to the plate in order to be held that the marking could not be completed at one operation, so that the plate had to be removed in order to complete the letter or character.

By my invention the letter or character can be entirely completed by the brush without removing the stencil or plate from the object to be stenciled, thus saving the time and expense of going over the work again and completing it by painting the incomplete parts by hand or by the use of a secondary stencil-plate with openings to fit incompleted parts.

By the use of my invention there is a great saving in time and expense, and there is also much better and more perfect work done by the use of my invention than by the old methods of stenciling.

A is a stencil board or plate composed of two layers of paper with a layer of cloth between them, the whole glued or pasted together, the outside covered with a coating of shellac or varnish, so as to make it impervious to water and at the same time durable.

B is a frame inclosing the stencil.

C C C are letters or spaces forming letters cut out of the stencil-plate. These letters are complete.

D D are wires stretched across the fronts of the stencil plates and letters, holding the center pieces of the letters or characters in their proper position. The wires D D rest upon the surface of the stencil-plate and across the front of the stencil-plate and letters, the space between the wires and the object to be stenciled being the thickness of the stencil-plate and sufficient to allow the brush to readily paint or cover the space on the object to be stenciled under the wires.

The wires D D are sewed or stitched onto the fronts of the stencil-boards and center pieces of the letters by a small wire or thread E E, (shown in Fig. 2,) this small wire or thread forming a loop *e* (shown in Fig. 4) at suitable distances. It is obvious that my invention may be used without the frame B; but it is convenient to use a frame where the word or words are to be used continuously. It is also obvious that the wires D D can be applied to a plate containing one letter.

The stencil-plate containing the letters or other characters is placed against the surface to be stenciled. The paint or ink is then applied by a brush or other suitable article, which applies the paint under the wires, thus completing the stenciling at one and the same operation.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, a stencil-plate composed of two layers of paper with a layer of cloth between them, the whole glued or pasted together and covered with shellac and left smooth and straight and containing letters or other characters cut in said plate,

and a wire laid straight on the front of the plate and the center pieces of the letters and fastened to the front of the plate and letters in such a manner as to secure said center pieces of the letters in the plate, said wire being sewed on the front of the plate and center pieces of the letters by a thread, forming loops over the wires, substantially as and for the purposes specified.

THOMAS J. MULLALEY.

Witnesses:
CARRIE FEIGEL,
A. M. BEST.