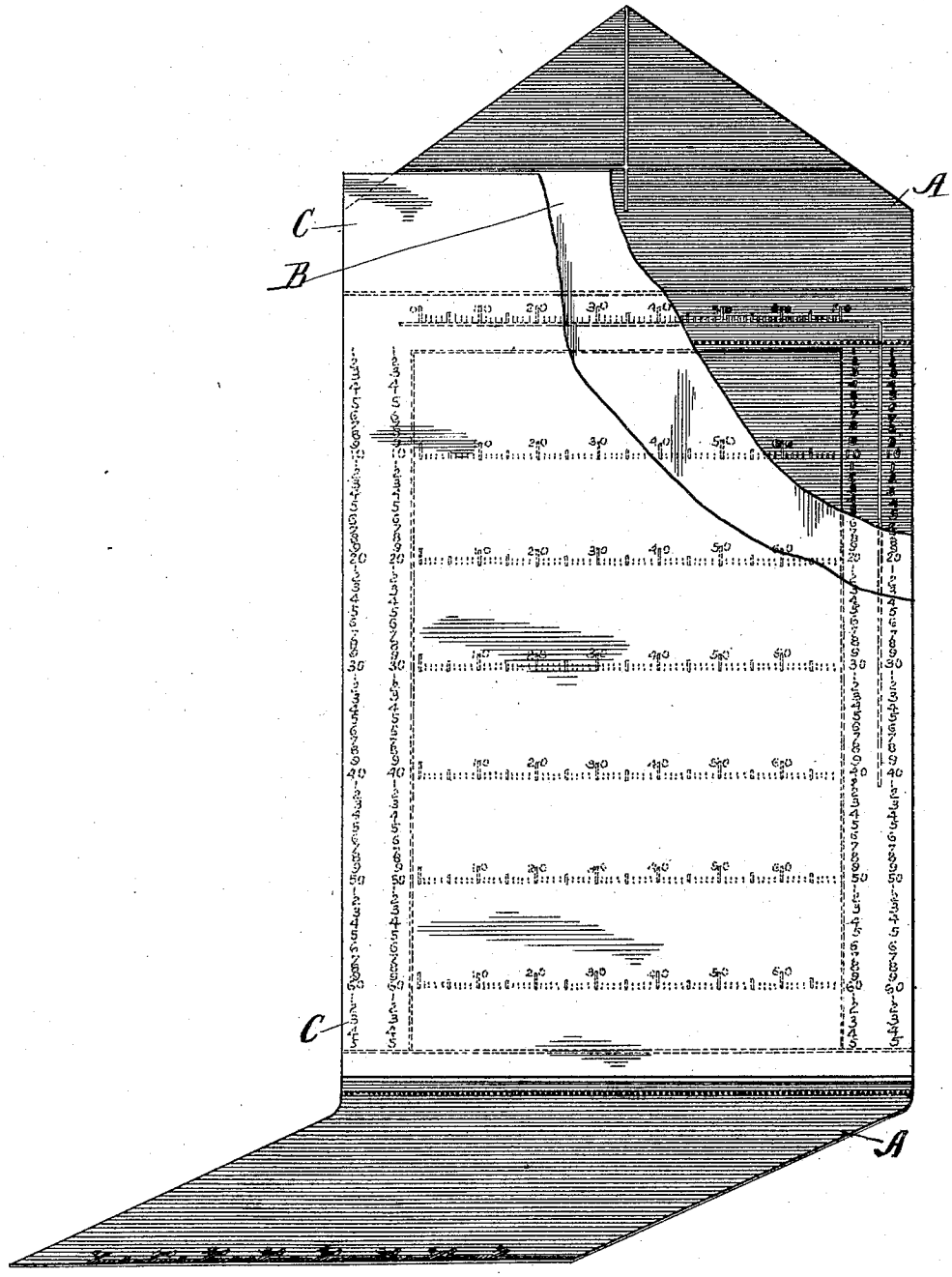
No. 783,101. PATENTED FEB. 21, 1905.

McION J. D. CARTER.

STENCIL SHEET.

APPLICATION FILED FEB. 10, 1904.



WITNESSES:

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No. 783,101. Patented February 21, 1905.

UNITED STATES PATENT OFFICE.

McION JAMES DOUGLAS CARTER, OF HACKNEY, ENGLAND, ASSIGNOR TO A. B. DICK COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

STENCIL-SHEET.

SPECIFICATION forming part of Letters Patent No. 783,101, dated February 21, 1905.

Application filed February 10, 1904. Serial No. 192,960.

To all whom it may concern:

Be it known that I, McION JAMES DOUGLAS CARTER, a subject of the King of Great Britain, residing at 2 Wayland avenue, Hackney, England, have invented a certain new and useful Improvement in Stencil-Sheets, of which the following is a specification.

Heretofore it has been proposed to provide a waxed stencil-sheet with a backing of substantial paper bearing figures, scales, or other indicating media designed to assist the typist in the "cutting" or preparation of the stencil-sheet for duplicating purposes. The present invention relates to such a sheet and backing. I have found, however, that a much improved result may be obtained through the use of a backing-sheet the face whereof is provided—as, for instance, by printing-ink—with a color contrasting sharply with the color of the superposed stencil-sheet. Two features of such improved result are as follows: When the face of the backing-sheet is of a contrasting color, the characters cut upon the stencil-sheet are more readily visible to the typist, who while cutting the stencil may not only distinguish the figures, scales, or other indicating media more clearly, but may also more readily scan that portion of the stencil already cut. Again, I have found that where the face of the backing-sheet has been covered or substantially covered by a printing-ink such sheet is most efficient also as an extractor, the small particles of wax expressed from the fibers of the base of the stencil-sheet by the impact of the type clinging to such printed backing-sheet, whereby the same are removed when the stencil and backing sheets are separated and giving to the prints made from the former the clean fine lines characteristic of ribbon-work from a type-writing machine.

The invention is illustrated in the accompanying drawing, in which the figure is a perspective view illustrating the backing and stencil sheets A and B attached at one end when the composite so formed is adapted to be secured upon the drum of a stencil-printing machine. The backing-sheet A preferably bears upon its face certain scales and figures which may, if desired, be similar to those illustrated and described in Letters Patent No. 732,564. Instead, however, of printing these in black upon a white ground I practically cover the entire surface of the backing-sheet with ink, such as printing-ink, omitting the figures, scales, &c., which are therefore left in the original color of the backing. The stencil-sheet is commonly of a very light color, being made of a substantially white porous base coated with paraffin, and the contrast between such a stencil-sheet and the black (or other colored) face of the backing-sheet is therefore marked, and the facility with which the characters on the latter may be seen through the stencil-sheet and that with which the characters cut upon the stencil-sheet may be read is correspondingly increased. In addition the printed back-sheet is to great extent ink-proof, grease-proof, and waterproof, and the coaction of the printed surface and the stencil-sheet during the stencil-cutting operation (heretofore alluded to) is such as to produce a much better result than has heretofore been possible.

If desired, the composite structure above described may be combined with a "top sheet" C, preferably of thin transparent material, such as "yoshino," the function whereof is to protect the stencil-sheet and prevent the wax thereon from clogging the type of the writing-machine.

Having now described my invention, what I claim is—

1. A backing-sheet for stencil use having the major portion of its operative face covered with printing-ink, substantially as described.

2. A backing-sheet for stencil use having an indicating device, the major portion of its operative face being covered with a color contrasting with that of a stencil-sheet, substantially as described.

3. A backing-sheet for stencil use having the major portion of its operative face covered with a dark color, and an indicating device thereon in a contrasting color, substantially as described.

4. A backing-sheet for stencil use having substantially its entire operative face, save an indicating device, covered with dark printing-ink, said indicating device being in the color of the sheet prior to the application of the printing-ink, substantially as described.

In witness whereof I have hereto set my hand and seal January 11, 1904.

McION JAMES DOUGLAS CARTER. [L. S.]

Witnesses:
H. D. JAMESON,
A. NUTTING.