Jan. 1, 1952 F. R. WALLICH 2,581,153

METHOD OF MAKING COMBINED STENCIL AND INKING PADS

Filed April 20, 1948 2 SHEETS—SHEET 1

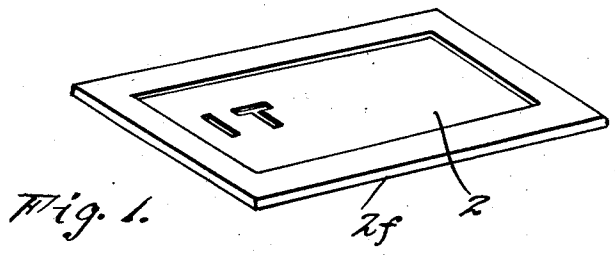


Fig. 1.

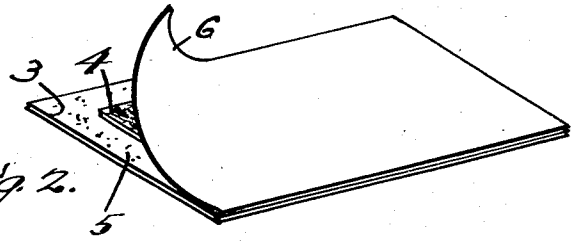


Fig. 2.

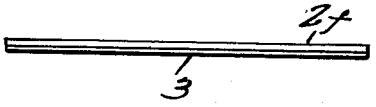


Fig. 3.



Fig. 4.

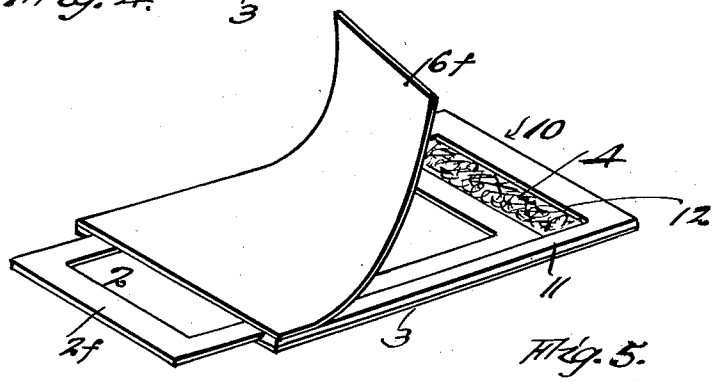


Fig. 5.

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METHOD OF MAKING COMBINED STENCIL AND INKING PADS

Filed April 20, 1948 2 SHEETS—SHEET 2

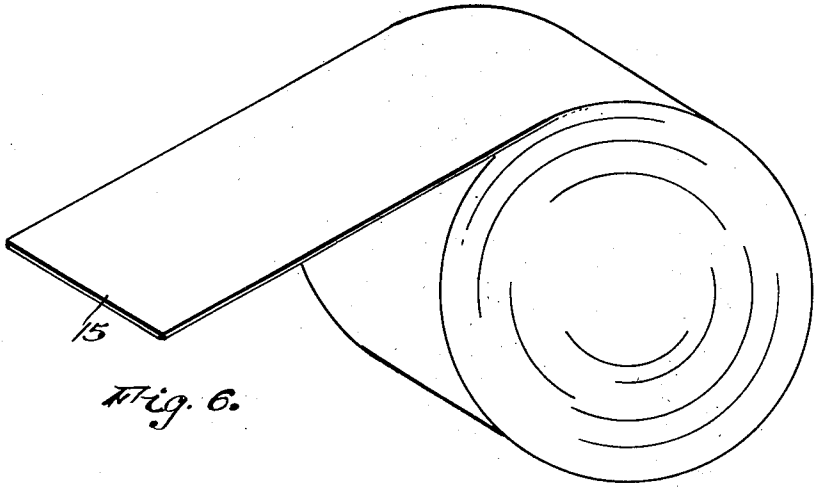


Fig. 6.

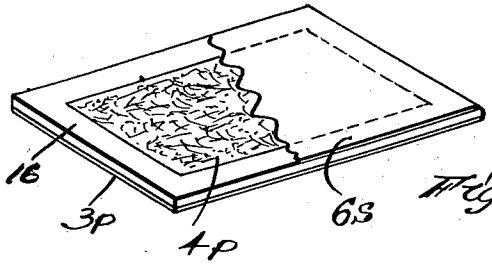


Fig. 7.

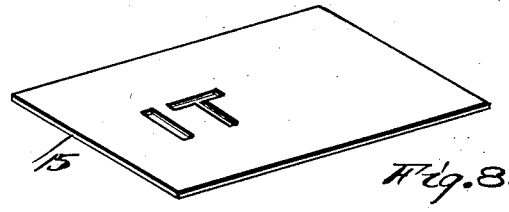


Fig. 8.

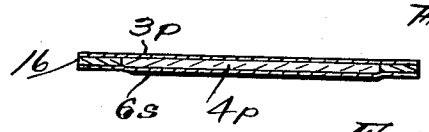


Fig. 9.

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UNITED STATES PATENT OFFICE

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METHOD OF MAKING COMBINED STENCIL AND INKING PADS

Fred R. Wallich, Los Angeles, Calif.

Application April 20, 1948, Serial No. 22,200

1 Claim. (Cl. 101—128.4)

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This invention is a stencil printing unit including an inking pad.

In many institutions, hospitals for instance, and many business establishments it becomes necessary to enter or register a personal or business name in many separate papers or documents. The original entry may be in longhand writing and this original is passed through many clerk hands for the several entries, and in such systems it is almost inevitable that from one or another of numerous causes errors will arise and confusion results.

This invention aims to provide a simple, practical, substantial, low cost and reliable means for the making of numerous reprints of a correct, original name or other data entry and to thereby enable the accurate preparation of as many supplemental record or identification entries as may be needed; all neatly, accurately, rapidly and easily done.

Further, the invention purposes to provide a means for affording an accurate original in such a style of imprint as will be extremely easy to read in an instant glance, and will enable a reproduction of any desired number of the clear original.

Also, it is an intent of the invention to provide identical reproduction entries from the original by mechanical means which eliminates handwriting operations with the great hazard of human errors in the process; without the great expense and time loss that is incidental to any recording system using the typewriter as the writing medium.

A distinctive object of the invention is to provide a handy device whereby a conventional address-stencil card can be fixedly or removably cooperatively attached to a jacket having an ink-pad from which an imprint can be instantly made through the associated stencil by the mere pressure of a finger along the back of the jacket—without any chance of soiling the fingers.

The invention resides in certain advancements in this art as set forth in the ensuing disclosure and having, with the above, additional objects and advantages as hereinafter developed, and whose constructions, combinations and details of means and the manner of operation will be made manifest in the following description of the herewith illustrative embodiments; it being understood that modifications, variations, adaptations and equivalents may be resorted to within the scope, spirit and principles of the invention as it is claimed in conclusion hereof.

On sheet 1 of the drawing: Fig. 1 is a perspective of a conventional stencil card. Figure 2 is a perspective of a pad assembly; with its shield partly removed. Fig. 3 is a side elevation of the made-up stencil printer unit. Fig. 4 is a cross-section of the unit. Figure 5 is a perspective of a removable, jacket form of the printer.

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Sheet 2: Fig. 6 is a perspective of a roll of stencil strip. Fig. 7 is a perspective of a broken-away modified form of the printer. Fig. 8 is a perspective of a prepared, strip stencil. Fig. 9 is a longitudinal section of the made-up strip stencil.

In one embodiment the invention incorporates a conventional stencil card 2 in which a stencil-cutting stock is fixed in a stiff frame 2f. Means are here provided to be assembled in such co-ordinate relation with the card that a large number of stencil impressions may be made from the prepared stencil; whereby to secure accuracy of record legend in instances where a considerable number of copies are needed. This means includes a foundation or pressure sheet 3 of impervious, acid resistive, flexible material such as of a cellulosic nature.

Centrally affixed to one face of the sheet 3 is an absorbent pad 4 of any preferred porous or felt material which is surrounded by a pressure-sensitive adhesive border 5 and to this is removably attached a thin, imporous, covering shield 6; this assembly constituting a protected printing platen which may be packaged with a suitable number of blank (uncut) stencil cards 2. Therefore providing an article of merchandise in condition ready for use at any time by the customer.

In use of this form of the stencil printer the customer cuts (as by a typewriting machine) the desired legend in a selected blank card 2 and, after peeling off the shield 6 of the pad assembly, then lays the card on the record paper on which the legend is to be inscribed and then applies the exposed ink-loaded pad 4 onto the legend area of the stencil and applies enough pressure around the margin of the pressure sheet 3 to adhesively affix the margin of the stencil card to the sticky border 5 of the platen assembly 3—4. The operative, who may be a nurse in a hospital, then merely runs a finger a couple of strokes firmly on the exposed face of the pressure sheet 3 and thereby effects a strong transfer of the stencil cut onto the record paper, whatever its nature or purpose.

Thus a large number of correct, duplicate imprints can be transferred as often and at whatever times as may be desired, quickly, effectively and always without soiling of the operative's

hands in the operation. This is especially desirable in large hospitals where in the course of a year many thousands of legend copies of patients' names, number and other data entail serious delay, involve great error hazard, and frequently requiring that the nurse or other operative must stop to wash ink stains from his or her fingers.

The one complete printing unit, as to a given case, can be kept and used for the whole service period of the respective case.

In the modification, Fig. 5, the prepared (cut) stencil **2** is adapted to be removably inserted in a protective jacket **10** having the same pressure sheet **3** and attached pad **4** as above, and also having a firm, attached frame **11** with a window **12** above the interior pad **4**; the frame having a removable shield **6***f*. This enables the use of the single pad platen with any one of a large number of different-legend stencil cards **2**.

On sheet 2 a variant is shown in which blank pieces of stencil strip **15** are taken and at desired times are cut with the desired legend, Fig. 8, and this stencil is suitably, marginally attached to one face of a border frame **16** on the opposite face of which is affixed a protecting, pressure sheet **3***p* to the inner face of which is affixed the inking pad **4***p* surrounded by the frame **16**. The pad is preferably slightly thicker than the frame to facilitate impression transfer through the applied stencil. To preserve the ink pad **4***p* and facilitate stocking, transportation and storing of the device of Fig. 9, the lower face of the frame is covered by the peelable shield **6***s* which is removed when the printer is made up for use by application of the cut stencil.

What is claimed is:

The method of producing a combined stencil and inking pad unit which consists in forming an assembly comprising a frame having a central aperture from face to face and having a sheet of stencil tissue fixed to one face of the frame and covering the aperture in the frame; forming a separate inking pad assembly having an ink saturated pad smaller than said aperture and disposed centrally of an ink-impervious sheet, substantially the size of the frame, with adhesive coated marginal edges and a protective cover sheet over the pad and laid on said adhesive; cutting the desired indicia in the stencil tissue of the stencil assembly; removing the protective cover sheet from the separate pad assembly, and adhesively securing the ink-pad assembly to the stencil assembly frame with the ink pad located in the aperture of said frame and with said impervious sheet adhering around the pad to said frame.

FRED R. WALLICH.

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