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2,438,828

STENCIL ASSEMBLY WITH REMOVABLE BACKING AND FACING SHEET

Filed Jan. 16, 1946

Fig. 1

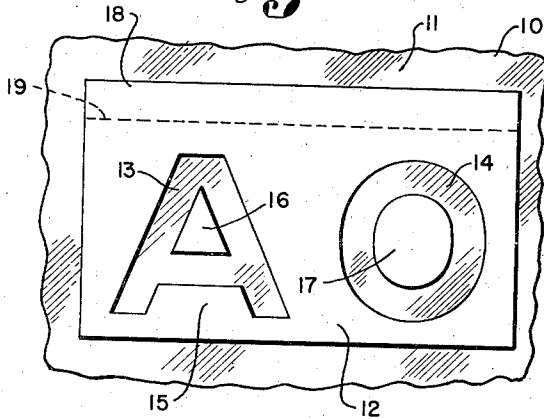


Fig. 2

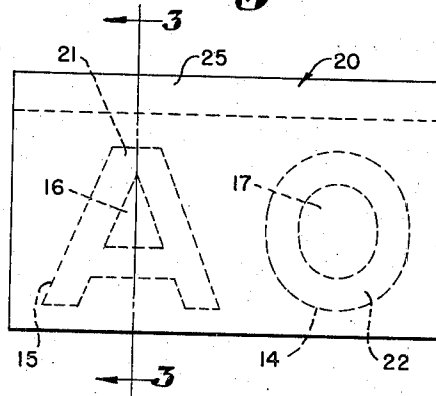


Fig. 3

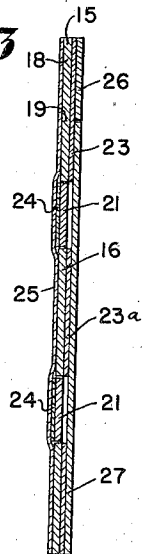


Fig. 5

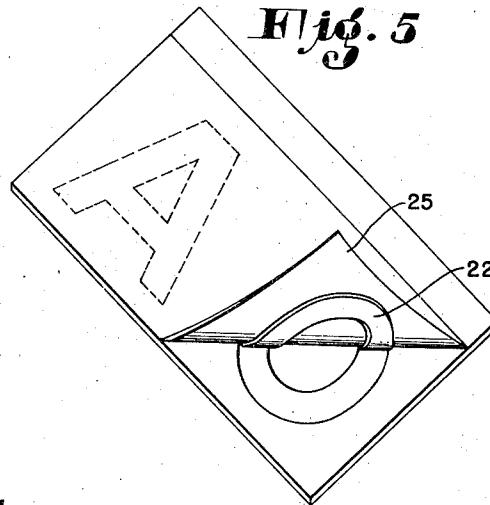
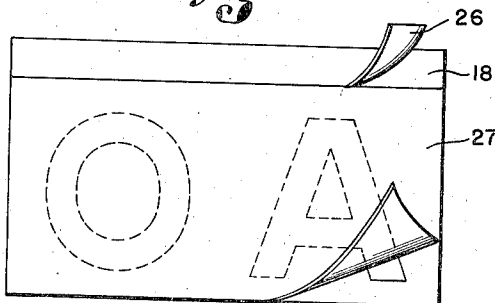


Fig. 4



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STENCIL ASSEMBLY WITH REMOVABLE
BACKING AND FACING SHEETS

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Substituted for application Serial No. 541,104,
June 19, 1944. This application January 16,
1946, Serial No. 641,423

6 Claims. (Cl. 101-127)

1

My invention relates to stencils for use in applying marks, such as indicia, letters, numerals, designs, and etc., to surfaces, such stencils comprising a sheet having openings therein through which the paint or other marking substance is applied to the material to be marked.

It is an object of the present invention to provide a stencil package which includes the stencil proper having adhesive substance applied to certain of its surfaces and having a cooperative arrangement of cover sheet for preserving the stencil prior to the use thereof and making it possible to use the stencil with minimum effort.

It is an object of the invention to provide a stencil having a stencil sheet provided with an opening and a filler piece disposed within the opening without connection to the main body of the stencil sheet.

A further object is to provide a stencil package having means for holding a stencil sheet and filler piece in cooperative relation and in such a manner that these parts may be conveniently affixed to the surface which is to be stencilled.

A further object of the invention is to provide a stencil package having means for facilitating the alignment of the stencil upon the surface which is to be stencilled. This application is a substitute for application Serial No. 541,104, filed June 19, 1944, now abandoned.

Further objects and advantages of the invention will be brought out in the following part of the specification.

Referring to the drawing which is for illustrative purposes only,

Fig. 1 is a face view showing a stencil embodying my invention affixed to a surface which is to be stencilled.

Fig. 2 is a face view of a stencil package.

Fig. 3 is an enlarged fragmentary section taken as indicated by the line 3-3 of Fig. 2.

Fig. 4 is a back view of the stencil package.

Fig. 5 is a view showing the manner in which the cut-out portions of the stencil are removed with the front cover sheet.

In Fig. 1 I show a wall 10 having a surface 11 to which marks are to be applied by use of a stencil, and a stencil 12 having openings 13 and 14 defining marks which in the present illustration consist of the letter A and a cipher. The stencil 12 comprises a main body 15 and filler pieces 16 and 17 which are disposed within the openings 13 and 14 so as to mask portions of the surface 11 and leave exposed only the stripes comprising the marks which are to appear upon the surface 11. The body 15 has a strip or tab 18

2

18 along its upper edge, this tab being separated from the body 15 by a linear score 19 permitting bending of the tab 18 relatively to the body 15. The stencil body 15 and the filler pieces 16 and 17 are secured to the surface 11 of the wall 10 by adhesive substance which covers the rear faces of these parts 15, 16, and 17.

The stencil 12, as shown in Fig. 1, is a part of the stencil package 20 which is shown in Figs. 2, 3, and 4. This stencil package 20 includes the stencil body 15 with its tab 18, the filler piece 16 within the opening 13 and a cut-out area 21 which fills the space within the opening 13 not occupied by the filler piece 16. Accordingly, the cut-out 21 consists of the letter A. The stencil package 20 also includes a cut-out 22 in the form of a letter O or zero, which occupies the space within the opening 14 not occupied by the filler piece 17. The rear face of the stencil body 15, as shown in Fig. 3, has thereon a coating of adhesive substance 23 and on the rear face of each insert 16 and 17 there is a coating of adhesive substance 23a. On the front face of each cut-out 21 and 22 there is a layer of adhesive substance 24. Across the entire front face of the stencil body 15 there is a front cover sheet 25 which is strongly connected by the layers of adhesive 24 to the front faces of the cut-outs 21 and 22. The front cover sheet is only lightly adhesively secured to the front face of the stencil body 15 and the front faces of the filler pieces 16 and 17. In the practice of the invention the front cover sheet may be not at all connected to the filler pieces 16 and 17 but merely extend thereover, and the front cover sheet 25 may be connected to the front face of the stencil body 15 at spaced points or adjacent the periphery by application of an adhesive which will permit ready separation of the front cover sheet 25 from the stencil body 15.

Across the rear face of the tab 18 there is a rear cover strip 26 and across the remaining rear surface of the stencil body 15 there is a rear cover sheet 27. The strip 26 and the rear cover sheet 27 are preferably made of a paper treated so as to resist the adhesive material of the layers 23 and 23a, so that a strong bond of this adhesive material with the members 26 and 27 will not be formed. Accordingly, it is possible to readily strip the pieces 26 and 27 respectively from the tab 18 and the central body 15. If the adhesive layers 23 and 23a are of rubbery character, the strip 26 and the layer 27 may be made from paper impregnated with paraffin. It will be noted that there is no coherence between the

3

rear cover sheet 27 and the cut-outs 21 and 22, for the reason that these cut-outs 21 and 22 have adhesive on the front faces only.

In the use of the stencil package, the following procedure may be followed. First, the strip 26 is removed so as to expose the adhesive on the tab 18. With reference to a guide line or other guide means, the tab is then stuck onto the surface 11, and when the operator is satisfied that the tab is properly aligned, the rear cover sheet 27 is then removed and the remaining part of the assembly is pressed tightly against the surface 11 to bring the adhesive layers 23 and 23a into engagement therewith, thereby sticking the stencil body 15 and the filler pieces 16 and 17 on the surface 11. Then, as shown in Fig. 5, the front cover sheet is removed from the stencil body 15, carrying therewith the cut-outs 21 and 22, since they are strongly cemented to the front cover sheet 25. This leaves the stencil body 15 and the filler pieces 16 and 17 in place on the surface 11 of the wall 10 in the manner shown. It will be understood that a stencil may have one or more characters as desired.

I claim as my invention:

1. A stencil package of the character described, comprising: a sheet forming a stencil body having an opening therein, a cut-out, and a filler piece disposed within said opening, the rear faces of said body and said filler piece having an adhesive substance thereon; a tab projecting from one edge of said body; a rear cover sheet removably disposed so as to cover the rear faces of said body, said filler piece and said cut-out; a tab cover piece removably disposed on the rear face of said tab; and a front cover sheet removably secured to the front face of said stencil, said front cover sheet being so connected to said cut-out that removal of said front cover sheet from said stencil body will remove said cut-out from said opening of said stencil body.

2. A stencil package of the character described, comprising: a sheet forming a stencil body having an opening therein, a cut-out, and a filler piece disposed within said opening, the rear faces of said body and said filler piece having an adhesive substance thereon; a rear cover sheet removably disposed so as to cover the rear faces of said body, said filler piece and said cut-out; and a front cover sheet removably secured to the front face of said stencil, said front cover sheet being so connected to said cut-out that removal of said front cover sheet from said stencil body will remove said cut-out from said opening of said stencil body.

3. A stencil package of the character described,

4

comprising: a sheet forming a stencil body having an opening therein and a cut-out disposed within said opening, the rear face of said body having an adhesive substance thereon; a tab projecting from one edge of said body; a rear cover sheet removably disposed so as to cover the rear faces of said body and said cut-out; a tab cover piece removably disposed on the rear face of said tab; and a front cover sheet removably secured to the front face of said stencil, said front cover sheet being so connected to said cut-out that removal of said front cover sheet from said stencil body will remove said cut-out from said opening of said stencil body.

4. A stencil package of the character described, comprising: a sheet forming a stencil body having an opening therein and a filler piece disposed within said opening, the rear faces of said body and said filler piece having an adhesive substance thereon; a tab projecting from one edge of said body; a rear cover sheet removably disposed so as to cover the rear faces of said body and said filler piece; a tab cover piece removably disposed on the rear face of said tab; and a front cover sheet removably secured to the front face of said stencil.

5. A stencil package of the character described, comprising: a sheet forming a stencil body having an opening therein, there being a tab extended from said body, the rear face of said body and said tab having an adhesive substance thereon; a tab cover piece removably disposed on the rear face of said tab; a rear cover sheet removably secured to the rear face of said body; and a front cover sheet removably secured to the front face of said body and said tab.

6. A stencil package of the character described, comprising: a sheet forming a stencil body having an opening therein, there being a tab extended from said body, the rear face of said body and said tab having an adhesive substance thereon; a tab cover piece removably disposed on the rear face of said tab; and a rear cover sheet removably secured to the rear face of said body.

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REFERENCES CITED

The following references are of record in the file of this patent:

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