United States Patent [19]

Alef

[11] **3,752,304**

[45] **Aug. 14, 1973**

[54] **MASKING DEVICES**

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[22] Filed: **Sept. 7, 1971**

[21] Appl. No.: **178,322**

[52] **U.S. Cl.** **206/58,** 118/505

[51] **Int. Cl.** **B65d 85/00**

[58] **Field of Search** ..... 118/504, 505; 117/38, 8.5; 33/17 A, 17 R

[56] **References Cited**

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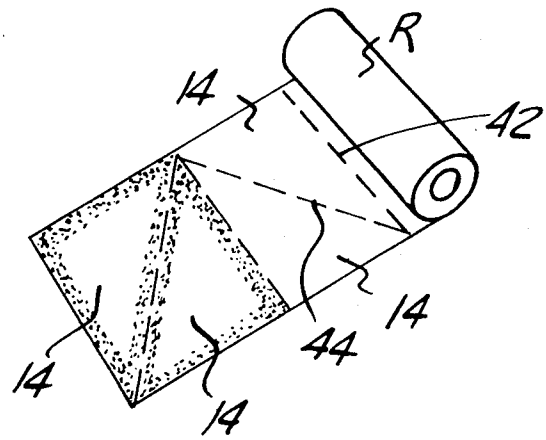
Primary Examiner—Morris Kaplan

Attorney—Daniel G. Cullen, Robert A. Sloman et al.

[57] **ABSTRACT**

Masking device for use in painting at peripheries of rectangular surfaces comprising two triangular masks of sheet material.

1 Claim, 10 Drawing Figures



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FIG. 1

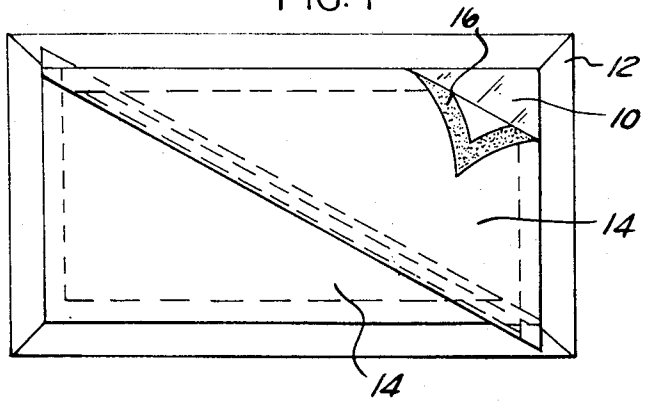


FIG. 2

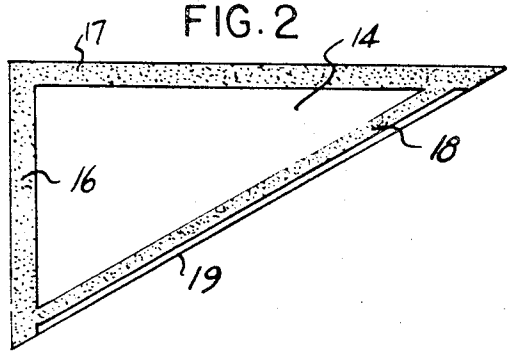


FIG. 3

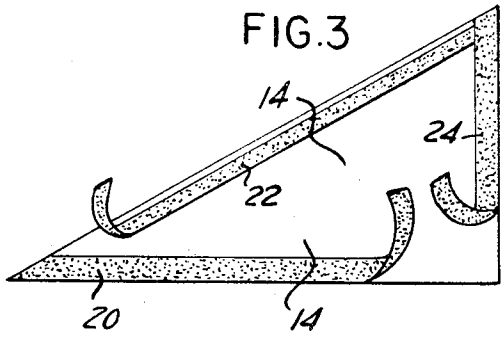


FIG. 4

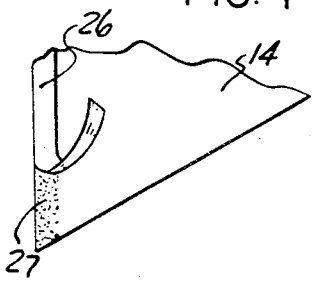
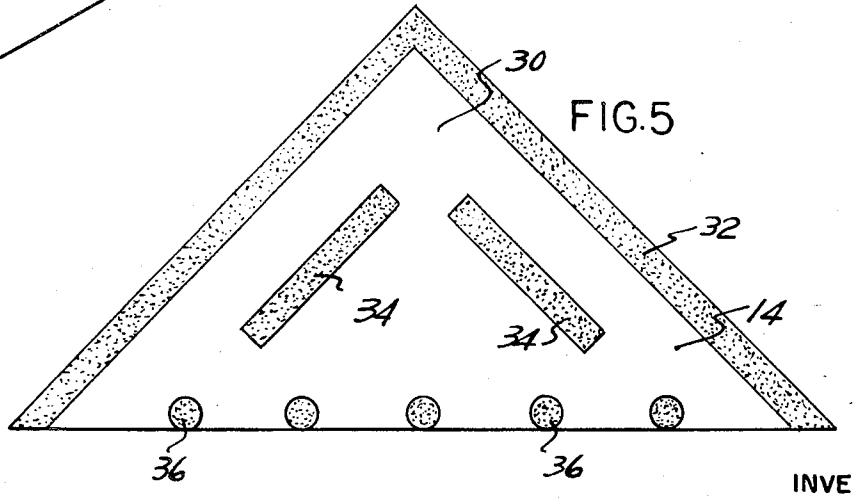


FIG. 5



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FIG. 6

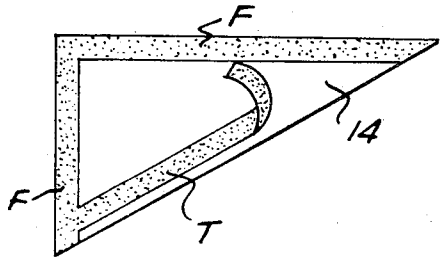


FIG. 7

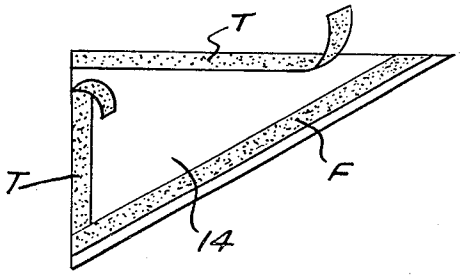


FIG. 8

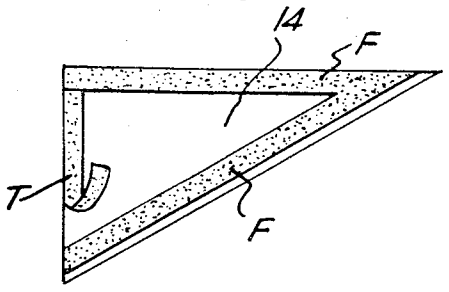
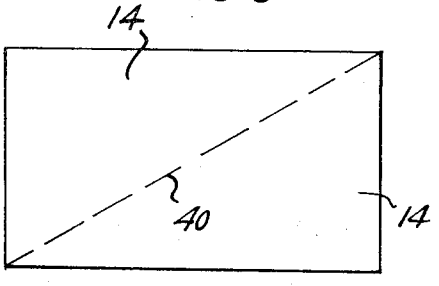


FIG. 9



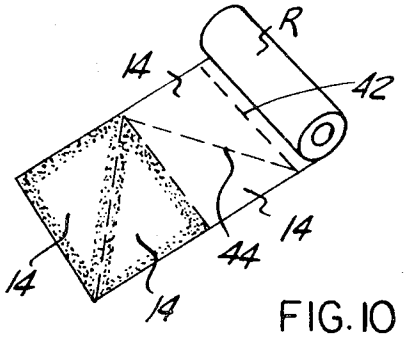


FIG. 10

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MASKING DEVICES

BACKGROUND

The art has long been aware of masks of various forms for use in painting peripheries of rectangular surfaces, such as frames of windows, mirrors, floor areas, but more specifically windows. A variety of masking means have been known, including rectangular sheets.

OBJECTS

The present invention provides masking devices in the form of triangles which can be applied to the surface and overlapped to cover the entire surface with portions of the masks, as needed, being cut away so that while all of the surface is covered, there is no coverage over the periphery to be painted.

The triangles may be right triangles, equilateral triangles or isosceles triangles.

The triangles may be equipped with suitably provided adhesive means along certain or all of thier edges as desired, and possibly, and aprticularly where the masks are large in area, with suitably applied adhesive means inside their edges.

THE DRAWING

The appended drawings show preferred forms of the invention. In the drawings:

FIG. 1 shows a framed glass surface with two right triangle masks.

FIG. 2 is a reverse side view of one of the masks of FIG. 1.

FIG. 3 is a similar view but showing a slightly different form of adhesive application.

FIG. 4 is a fragmentary view showing still another form of adhesive with tear of protective strip.

FIGS. 5–10 show still other variations.

DETAILED DESCRIPTION

FIG. 1 shows a surface **10** having a peripheral frame **12** to be painted. One right triangle mask **14**, is shown in place for masking the glass area **10** while exposing the frame **12.**

FIG. 2 shows maks **14** equipped with fixed adhesive **16,17** and **18** with adhesive **18** set back from the hypotenuse edge **19** for ease of removal.

FIG. 3 shows the mask **14** with peel back type of adhesive tape strips **20, 22** and **24.**

FIG. 4 shows a step in the peeling off of a protective covering **26** from adhesive strip **27** on a mask **14.**

FIG. 5 shows an isosceles triangular mask **30** with adhesive at its edges **32** but also at its center **34** and in spots **36** along the hypotenuse.

FIGS. **6, 7** and **8** show variations employing fixed adhesive F and peel off adhesive tape T at selected edges as shown. In another variation shown in FIG. **9,** we start with a rectangle, perforated on diagonal **40,** to form two triangular masks **14.**

FIG. **10** shows a roll R perforated at **42** and **44** into rectangular and triangular sections, **14.**

THE ADHESIVE

The adhesive could be a commercially available pressure sensitive tape which usually comes equipped with protective tear off strips as part of the construction. Other forms of adhesive could be used where desired.

The adhesive may be sprayed or printed where desired onto the mask.

The adhesive application and its dimensions may be any one of the following: air spraying; electrostatic spraying; block or pressure printing; roll printing; applied double sided tape application; three-quarters of an inch or less in width; all as desired.

It will be manifest that triangular masks such as here shown, by virtue of the geometry, can be shuffled around on a rectangular surface for masking it. Portions of the masks that overly the frames may be cut off so as not to interfere with the painting of the frames.

The geometry of the triangles and particularly where right triangles are used, provides the essence of the invention, the adhesive being used for its obvious purposes, to secure the masks in position once they are placed in their desired location.

Now having described the mask hereof, reference should be had to the claim which follows.

I claim:

1. Masking means for use in painting peripheries of rectangular surfaces, comprising a rectangle of sheet material perforated along a diagonal, which can be used as a whole or separated and arranged in triangles with their hypotenuse overlapping and adjustably movable for fully masking the surface;

and strips of adhesive upon the back of each triangle along the side edges and hypotenuse thereof;

said masking means being formed in a continuous roll having a series of longitudinally spaced transverse performations, manually separable to form said rectangular sheets.

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