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D. ALLEN

2,851,805

SUN TATOO FORM

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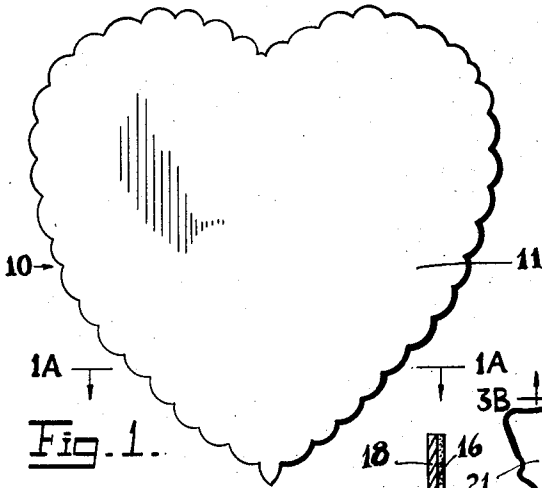


Fig. 1.

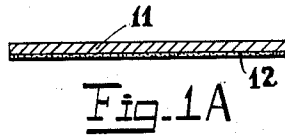


Fig. 1A

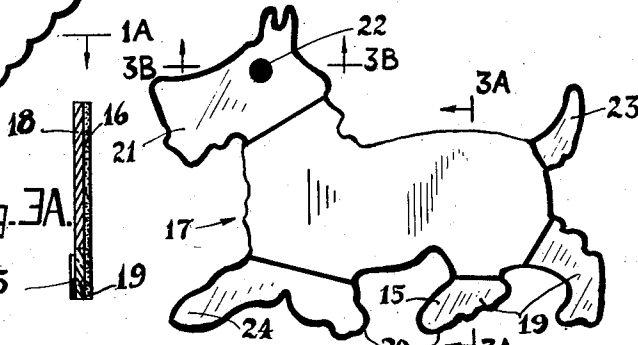


Fig. 3A.

Fig. 3.

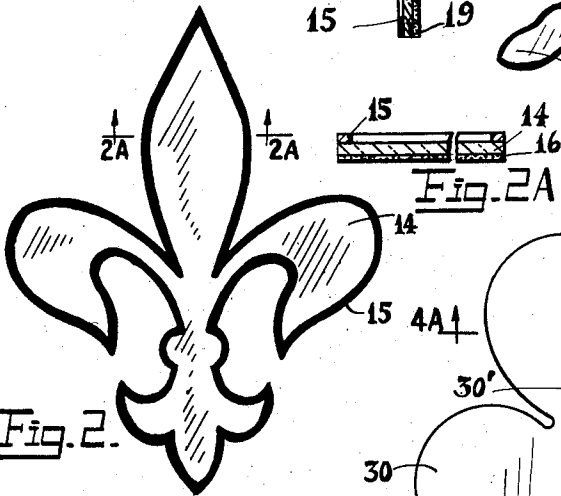


Fig. 2.

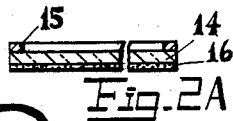


Fig. 2A

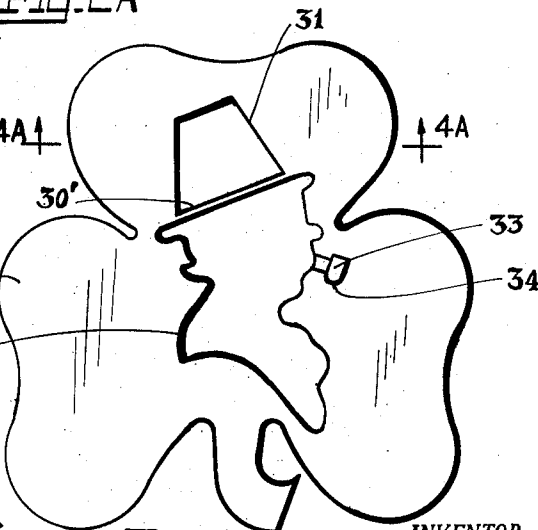


Fig. 4.

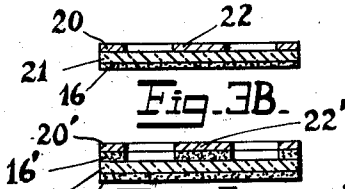


Fig. 3B.

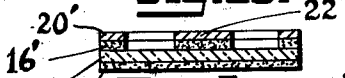


Fig. 6.

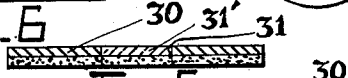


Fig. 5.

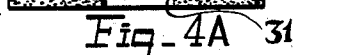


Fig. 4A

INVENTOR.

David Allen
 BY *Golden Hobbs*
 ATTORNEY

1

2,851,805

SUN TATOO FORM

David Allen, Brooklyn, N. Y.

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1 Claim. (Cl. 41-10)

This invention relates to the art of tattooing devices and particularly concerns a means for causing a temporary tattoo on the human skin.

The present invention employs a mask which may be placed over any desired portion of a person's body. The portions of the body surrounding the mask may then be exposed to actinic rays such as the sun's rays or the rays of an ultraviolet lamp. The skin will darken around the outline mask and in open portions of the mask so that when the mask is removed, the skin bears the design of the mask outlined by darkened portions of the skin. By repeated exposures of the skin to the skin darkening, sunburning or sun tanning rays while the mask is in place, the contrast between the untanned areas and the sun tanned areas will be increased. The mask may be made of an opaque flexible material with a pressure sensitive surface to adhere to the skin. The mask may also be made wholly or in part of transparent material with opaque portions thereon. The mask may have one or more laminations of varying transparency to the tanning rays. By removing all or part of any of the laminations, the resulting tattoo design will have varying shades.

It is a principal object of the invention to provide a device for impressing a temporary tattoo on the human skin.

It is a further object to provide an opaque mask with a pressure sensitive adhesive surface for impressing a design on the human skin by the action of actinic or tan producing light rays.

It is a further object to provide an opaque mask having a predetermined design for impressing a temporary tattoo on the human skin.

It is a further object to provide a mask having a predetermined design with certain opaque portions and certain transparent portions, said mask being a laminated structure.

It is a further object to provide a laminated mask with an adhesive surface for impressing a temporary tattoo on the human skin by the action of tan producing light rays.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a plan view of a tattoo mask in the form of a heart, embodying the invention.

Fig. 1A is a sectional view taken on lines 1A-1A of Fig. 1.

Fig. 2 is a plan view of a modified form of mask having a transparent body and opaque outline.

Fig. 2A is a sectional view taken on lines 2A-2A of Fig. 2.

Fig. 3 is a plan view of a further modified form of tattoo mask.

Figs. 3A and 3B are sectional views taken on lines 3A-3A and 3B-3B respectively of Fig. 3.

2

Fig. 4 is a plan view of a further modified form of tattoo mask according to the invention.

Fig. 4A is a sectional view taken on lines 4A-4A of Fig. 4.

Fig. 5 is a cross-sectional view corresponding to Fig. 4A showing another modification of the invention.

Fig. 6 is a cross-sectional view corresponding to Fig. 3B showing another modification of the invention.

The tattoo mask 10 shown in Figs. 1 and 1A is a sheet of opaque material. The sheet has an upper opaque layer 11 and a lower adhesive layer 12. The opaque layer may be cloth, paper, or a plastic material such as a vinyl polymer or the like. The adhesive layer may be a water soluble gum but it is preferably a pressure sensitive unplasticized substance so that the mask may be removed and reapplied several times to the skin as desired.

The mask in Figs. 2 and 2A has a transparent sheet or layer 14 cut in a suitable design such as fluer-de-lis. On the margin of the sheet is an opaque ink border 15. The adhesive layer 16 underlies the sheet 14 and is preferably a pressure sensitive transparent substances. The transparent sheet may be made of regenerated cellulose and the adhesive layer will be a chemically compatible substance. It is important that the sheet 14 be transparent to the actinic or tanning rays of the sun or ultraviolet lamp used to impress the design on the skin of a person.

In Fig. 3, 3A and 3B the tattoo mask has the form of a Scottie dog. The body 18 may be an opaque sheet as above described. Adjoining the opaque body may be appendages 19, 23, 24. These appendages may be formed from sheets or layers of transparent material as above described. An opaque ink border 20 outlines each of the appendages such as the legs and tail 19, 23 and 24. The mask has a head 21 also formed of transparent material on which is the opaque border or margin 20. A further opaque masking ink layer 22 such as the eye of the dog may be applied over the transparent layer 21.

In Fig. 6 the opaque ink margin and eye 20, 22, respectively, are replaced by opaque masking layers 20', 22'. Layer 20' is a marginal portion removably secured to layer 21 by the interposed adhesive layer 16'. A similar adhesive layer is undercoated on layer 22' representing the eye of the dog design. These overlying opaque portions may be stripped off to vary the design as desired. Adhesive layer 16 is applied as an undercoat to layers 18, 19, 21, 23 and 24.

In Fig. 4 is shown a shamrock design tattoo mask 30 with a pair of apertures. The body of the mask is formed of an opaque flexible sheet material. One aperture 31 is cut in the form of a hat and the other aperture 32 is cut in the form of a head. The adhesive layer 16 underlies the opaque layer 30. The hatband 30' is an integral strip portion of body 30 separating apertures 31 and 32. To represent a smoking pipe, a transparent layer portion 33 may be disposed in a cutout portion of sheet 30. Opaque lines 34 may outline the pipe.

In Fig. 5 the aperture 31 is filled in with a transparent or translucent layer 31' undercoated with adhesive layer 16 as is body portion 30. The insert 31' is removable so that a measure of control may be exerted over the degree of skin tanning in aperture 31. If the layer 31' is made of some colored material rather than being wholly transparent to the tanning rays the degree of tanning of the skin at that area may be different from the tanning at any other portion nearby.

The masks of Figs. 1-6 may all be used in a similar manner. They are applied to any desired portion of the body with the adhesive side against the skin. Upon exposure of the skin to tanning rays the mask will be outlined against a dark background. If the interior of the design is a translucent sheet and the sheet is outlined in an opaque ink as indicated in Fig. 2, a very interesting

and unusual design is produced upon the skin. There will be a dark background, a lighter tanned inner design portion and a still lighter marginal portion outlining the design. Many other variations are possible. The tattoo is a temporary one since upon removal of the mask and exposing the skin to the sun or other tanning ray source, the entire skin will assume the same tan appearance as the design disappears. If the skin is not exposed to the sun, the design will gradually fade from the skin as the surrounding areas assume gradually their natural untanned color.

There has thus been provided a means for impressing a design upon the human skin to produce a tattoo effect in a wholly painless manner. The tattoo is temporary which is very desirable since after a time it may be desired to remove the tattoo design from the skin. The tattoo masks according to the invention are inexpensive to manufacture and the user may vary the designs at will in many ways as disclosed herein.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

A tattoo mask for impressing a temporary predetermined design on the human skin by the action of skin tanning rays, comprising a laminated structure, said structure constituting a flexible layer with an outline defining a design, said layer being substantially opaque to said rays, said layer having a central aperture with an outline defining a design, a layer of pressure sensitive adhesive on the bottom surface of said flexible layer for detachably adhering the structure to the human skin, and an adhesively coated removable insert layer colored so as to yield a controlled degree of transparency to skin tanning rays in said central aperture.

References Cited in the file of this patent

UNITED STATES PATENTS

1,140,975	Frankel -----	May 25, 1915
1,259,787	Segall -----	Mar. 19, 1918
1,300,592	Essig -----	Apr. 15, 1919
1,854,821	Barker -----	Apr. 19, 1932