June 6, 1939. A. FISCHER 2,161,030

MASK FOR STENCILING

Filed Dec. 17, 1937

Fig. 1

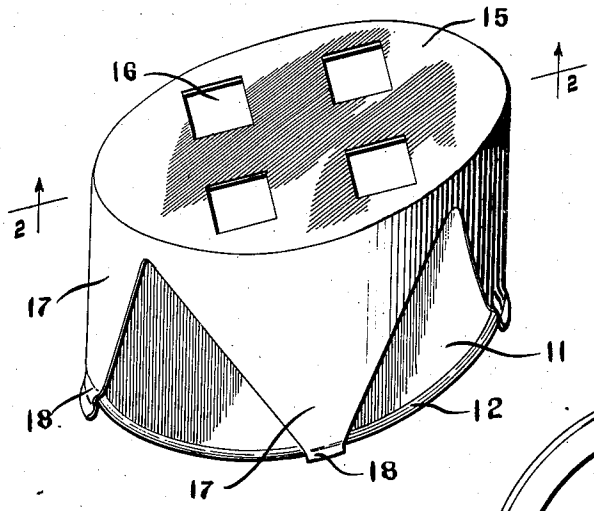


Fig. 3

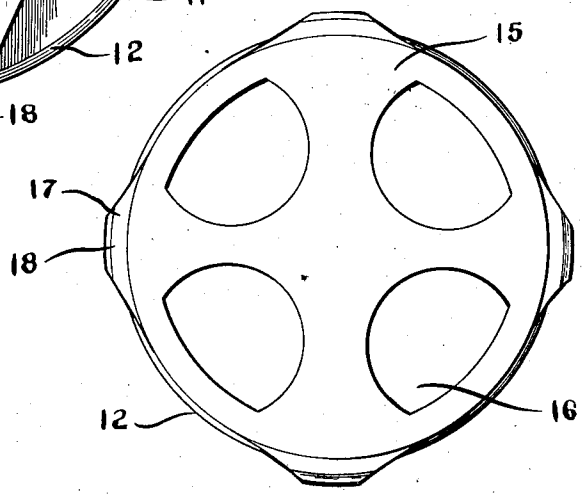
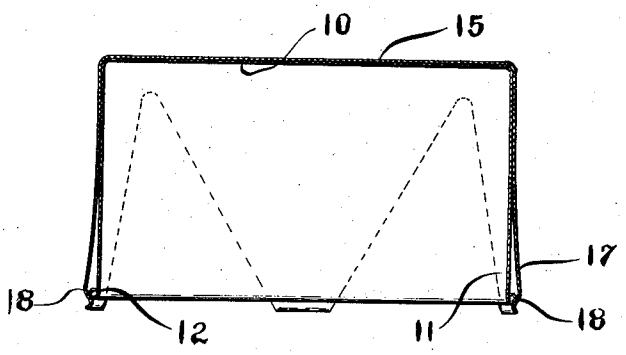


Fig. 2



INVENTOR.
Anton Fischer.
BY
Marvin Klein
ATTORNEY.

Patented June 6, 1939 2,161,030

UNITED STATES PATENT OFFICE

2,161,030

MASK FOR STENCILING

Anton Fischer, North Bergen, N. J.

Application December 17, 1937, Serial No. 180,332

2 Claims. (Cl. 101—127)

This invention relates to devices used in decorating metal and other like hard surfaces in connection with a sand blast, and more particularly to the ornamentation of can covers and similar objects.

One of the objects of the invention is to provide a mask having open spaces of any desired fanciful configuration and shaped in conformity with the object to be operated upon.

Another purpose is to provide means, integral with the mask, whereby it may be held firmly, and in close relation, to the surface upon which the stream of sand is directed.

A further feature is in the provision of means whereby the mask may be attached or released in a readily convenient manner.

These desirable objects are accomplished by the novel construction and arrangement of the parts of a single blank of suitable material as hereinafter described and illustrated in the accompanying drawing, constituting an important part of this disclosure, and in which:

Figure 1 is a perspective view of an embodiment of the invention illustrating its application.

Figure 2 is a transverse sectional view taken substantially on line 3—3 of Figure 1.

Figure 3 is a top plan view of the mask in detail.

Referring to the drawing in greater detail, a conventional cover, as that of a can or box, is shown as consisting of a domed cap or top 10 having a cylindrical side wall 11 united thereto and terminating in a beading 12 at its lower edge.

The invention comprises a blank shaped to present a central crown portion 15 suited to fit snugly on the upper surface of the can top 10, and provided with a plurality of openings 16 of any fanciful shape whatever, these openings constituting, in effect, a stencil of the desired pattern.

It will be understood that the grains of sand or other abrading material used, are hurled with great force, as by a current of compressed air, and in order to obtain clear, sharp outlines of the figures cut in the stencil, the edges of the openings 16 must make intimate contact with the surface of the object to be embellished.

In the present invention this is accomplished by forming the blank to produce two or more extensions 17 reaching from the perimeter of the mask, these extensions being shown as generally triangular and bent at right angles to closely hug the side wall 11.

At the lower extremities of these extensions are clips 18 adapted to engage the beading 12 at spaced intervals, thereby confining the mask upon the surface of the cap 10.

When in operation the sand blast is directed in the usual manner upon the cap and it will be apparent that the designs made in the mask will be transferred to its surface, while the masked portions of the cap will remain untouched by the blast due to the interposition of the mask.

The clips 18, being more or less resilient, are easily applied and removed, and it is to be noted that these clips are so designed as to impinge on the lower portion of the beading, thus drawing the mask firmly onto the cap.

Although the foregoing is generally descriptive of the best known form of the device, it will be apparent that any shape of object, round or otherwise, may be treated in a similar manner, and furthermore, such changes and modifications may be made as may come within the scope of the appended claims.

Having thus described the invention, what is claimed as new and sought to secure by Letters Patent, is:

1. In a sand blast mask, a blank having figural design openings and adapted to closely fit the surface of the object to be sand blasted, integral extensions arranged in spaced relation along the edge of said blank and arranged to closely fit the side wall of the object, and means at the end of said extensions to resiliently contact the lower edge of the object.

2. In a sand blast mask, a blank having figural design openings and adapted to lie flat and smooth upon the surface of the object to be ornamented, said object having a bead at its lower edge, spaced projections on the edge of the blank bent to engage the side walls thereof, and spring clips at the ends of said projections to engage the lower edge of the object.

ANTON FISCHER.