July 1, 1941. E. C. MAASS 2,248,027

HANGER FOR DUPLICATOR STENCILS AND THE LIKE

Filed March 2, 1940

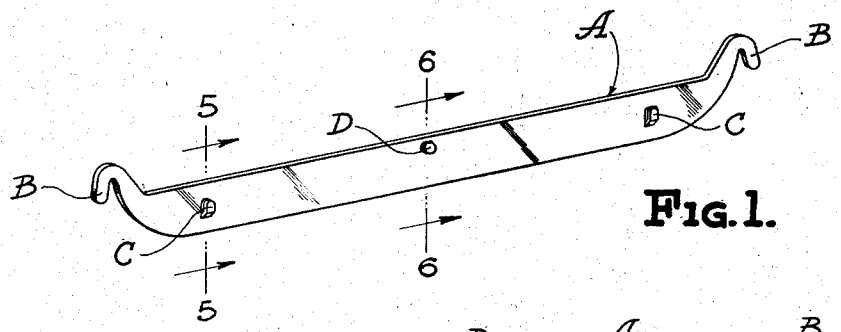


FIG. 1.

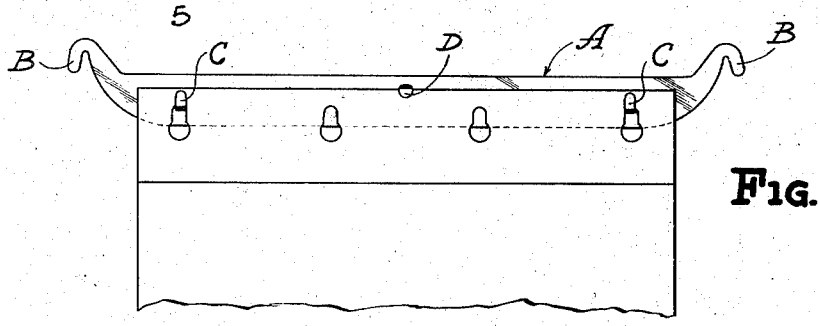


FIG. 2.

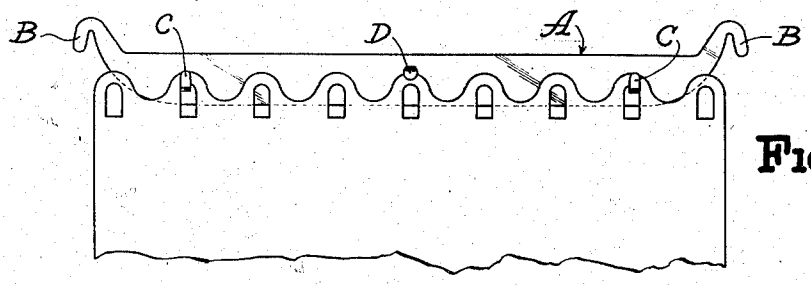


FIG. 3.

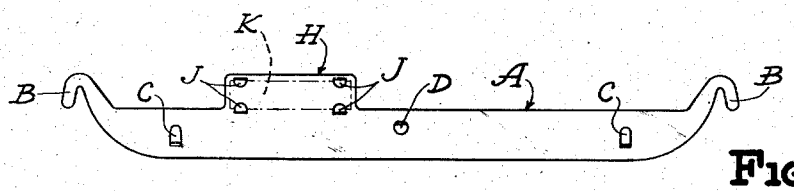


FIG. 4.

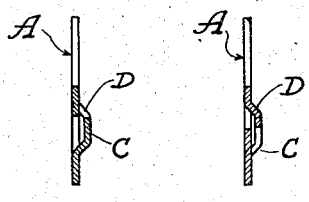


FIG. 5. FIG. 6.

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HANGER FOR DUPLICATOR STENCILS AND THE LIKE

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Application March 2, 1940, Serial No. 322,044

8 Claims. (Cl. 129—16.7)

This invention relates generally to a hanger which is particularly adapted for use with duplicator stencils, multi-lith plates and the like. The hanger is particularly designed for the purpose of filing away in a vertical position, instead of horizontally as has heretofore been the practice, duplicator stencils and multi-lith plates in such manner that the same may be safely stored and at the same time be readily accessible.

One of the objects of the invention is to provide a stencil hanger on which either duplicator stencils or multi-lith plates may be safely stored and secured in such manner that large numbers of the same may be safely filed within a filing cabinet in a vertical position; and at the same time be readily accessible when desired.

A further object of the invention is to provide a duplicator stencil hanger which has formed thereon a plurality of tabs or ears which are so shaped and positioned as to engage in the openings of either a standard stencil or multi-lith plate and which is also provided with an additional tab or ear which is adapted to engage over the upper edge of the stencil or plate to detachably secure the stencil or plate on the hanger.

Further and more limited objects of the invention will appear as the description proceeds and by reference to the accompanying drawing in which Fig. 1 is a perspective view of my improved hanger; Fig. 2 is a front elevational view of the hanger and showing a duplicator stencil mounted thereon, the lower part of the stencil being broken away due to lack of space; Fig. 3 is a view similar to Fig. 2 but illustrating the mounting of a multi-lith plate; Fig. 4 is a view in front elevation showing a slightly modified form of hanger; Fig. 5 is a cross sectional view on the line 5—5 of Fig. 1 and Fig. 6 is a cross sectional view on the line 6—6 of Fig. 1.

Referring now to the drawing, the reference character A designates the hanger which is preferably formed from a single strip of thin gauge sheet metal and which has the opposite ends thereof shaped to provide a pair of hooked notched portions B which are adapted to rest upon and engage over suitable runways provided in a filing cabinet and over which the hooked ends are received. The hooked ends of the hanger are so shaped and disposed that the center of gravity of the hanger is disposed below the plane of support so as to reduce any tendency of tipping when a large number of such hangers are moved about in the filing cabinet to obtain access thereto. The hanger is provided with a pair of ears C disposed adjacent each end thereof and which are preferably punched from the body of the hanger and directed upwardly as shown. The hanger is also provided with a downwardly directed ear or tab D which is likewise punched therefrom. The ears C are so shaped, spaced and arranged as to engage in the openings of a standard duplicator stencil or multi-lith plate. The tab or ear D engages the upper edge of the duplicator stencil or multi-lith plate and serves to hold the same in place on the hanger. When it is desired to remove the duplicator stencil or multi-lith plate it is merely necessary to flex the upper edge thereof slightly so as to disengage it from the tab D whereupon it may be readily removed.

Another feature of the hanger is that the ears or tabs C are of such design, size and spacing as to fit the openings provided in the standard duplicator stencil or in a standard multi-lith plate whereby the hanger is adapted for use with either without alteration.

In Fig. 4 I have disclosed a slightly modified form of my invention which is identical with that shown in Figs. 1–3 inclusive with the exception that the hanger is provided with a generally rectangular extension H disposed intermediate the ends thereof and which has a plurality of ears or tabs J punched therefrom and so arranged and positioned as to receive and retain a card K which may contain suitable indicia or other identifying matter.

The hanger is formed of very thin stock and is preferably plated or made of material which will not rust and is well adapted for quantity production at a very low cost.

It will now be clear that I have provided a stencil hanger which will accomplish the objects of the invention hereinbefore stated. It will of course, be understood that the embodiments of the invention herein disclosed are to be considered as merely illustrative and not in a limiting sense as various changes may be made in the details of construction without departing from the spirit of my invention. The invention, therefore, is limited only in accordance with the scope of the appended claims.

Features of the present stencil hanger when in use in combination with a suitable file cabinet provided with supporting rails include the prevention of damage from careless handling and protection from dirt. The thin stock hangers may be pressed closely together while still individually spacing the stencil sheet preventing

face to face pressure contact. These characteristics when used in combination with a cabinet and hanger rails are shown, described and claimed in my co-pending application for "Hanger for duplicator stencils and the like," filed June 2, 1941, Serial No. 396,239.

Having thus described my invention, what I claim is:

1. A stencil hanger comprising a strip of thin gauge sheet metal having a pair of hooked end portions at opposite ends thereof adapted to rest upon a support and a pair of upwardly directed stencil supporting ears formed integrally with said hanger, and an intermediate centrally disposed tab formed on said hanger and disposed slightly above said pair of ears and adapted to engage the upper edge of a stencil.

2. A stencil hanger formed of thin gauge sheet metal and having a pair of hooked end portions disposed above the plane of the upper edge of the hanger and adapted to rest upon a support, a pair of outwardly directed ears punched from said hanger, and an intermediate centrally disposed ear likewise punched from the body of the hanger and disposed so as to engage the upper edge of a stencil supported on said pair of ears.

3. A stencil hanger comprising a flat elongated sheet metal plate having a pair of oppositely disposed hooked ends adapted to engage upon a support, a pair of outwardly directed ears punched from the body of the hanger and adapted to receive thereover a stencil, and a centrally disposed ear also punched from the body of the hanger and adapted to engage the upper edge of a stencil to hold it in place, said pair of ears being so spaced and disposed as to engage in the openings in a standard stencil or multi-lith plate.

4. A hanger for stencils, multi-lith plates or the like comprising a strip of thin gauge sheet metal the opposite ends of which are shaped to provide hooked portions adapted to rest upon a suitable support, said strip having adjacent each end thereof, a pair of upwardly directed ears which are punched from the body of the hanger and so spaced and shaped as to engage in the openings of a standard stencil or multi-lith plate, said hanger being also provided with a centrally disposed ear so positioned as to engage the upper edge of a stencil or multi-lith plate supported on said pair of ears.

5. A stencil hanger comprising a strip of thin gauge sheet metal having a pair of hooked end portions at opposite ends thereof adapted to rest upon a support and a pair of upwardly directed stencil supporting ears formed integrally with said hanger and an intermediate centrally disposed tab formed on said hanger and disposed slightly above said pair of ears and adapted to engage the upper edge of a stencil, said hanger having an extension on the top thereof provided with a plurality of ears or tabs positioned so as to receive and retain an identifying card.

6. A stencil hanger of the character described comprising a thin gauge sheet of metal having a pair of hooked end portions at opposite ends thereof adapted to rest upon a support and a pair of upwardly directed ears formed integrally therewith and an intermediate centrally disposed tab formed on said hanger and disposed slightly above said pair of ears and adapted to engage the upper edge of a stencil, said pair of upwardly directed ears being so shaped, designed and spaced as to fit within the openings provided in the standard duplicator stencil or multi-lith plate.

7. A hanger for duplicator stencils or multi-lith plates comprising a strip of thin gauge sheet metal having a pair of hooked end portions disposed at opposite ends thereof and adapted to rest upon the supporting rails of a file cabinet and to be slidably supported thereon, such hooked ends being so disposed that the center of gravity of the hanger will be disposed below the plane of its support thereby to reduce to a minimum the tendency of the hanger to tip or to become engaged with an adjacent hanger when a number of such hangers are slid upon the support, said hanger having a pair of upwardly directed stencil supporting ears formed integrally therewith and an intermediate tab also formed integral with the hanger and disposed slightly above said pair of ears and adapted to engage the upper edge of a stencil or multi-lith plate.

8. A stencil hanger comprising a thin strip of material having a pair of hooked end portions adapted to rest upon the supporting rails of a file cabinet and to be slidably supported thereon, such hooked ends being so disposed that the center of gravity will be disposed below the plane of the support thereby to reduce to a minimum the tendency of the hanger to tip or to be engaged with an adjacent hanger when a number of such hangers are slid upon the support, a pair of stencil supporting members carried by said hanger and adapted to engage a part of a stencil, a tab carried by said hanger and disposed slightly above said stencil supporting members and intermediate thereof and adapted to engage the upper edge of a stencil.

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