Jan. 4, 1966 N. MUSKIN 3,227,079

MULTIPLE SECTION PLATE STAMP

Filed June 5, 1963 2 Sheets-Sheet 1

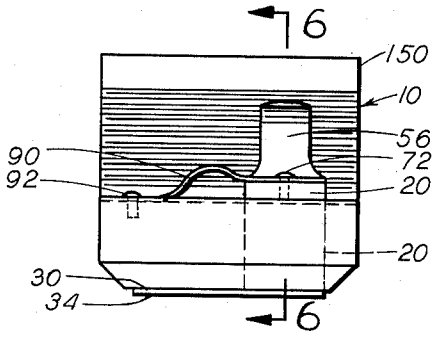


FIG. 3

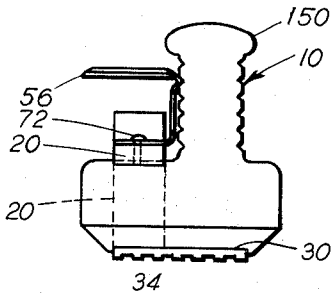


FIG. 4

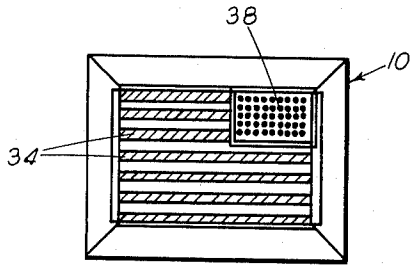


FIG. 2

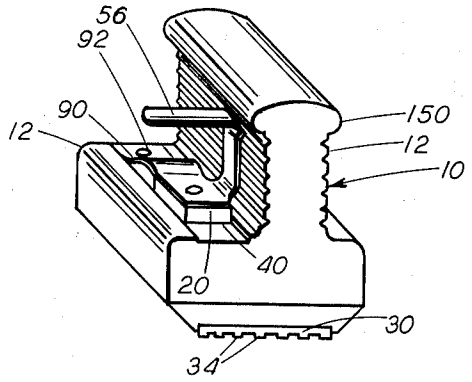


FIG. 1

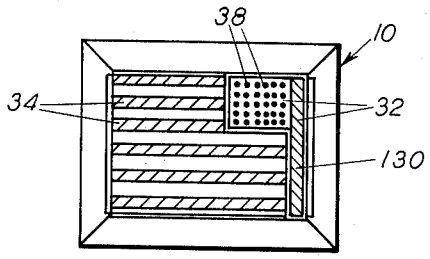


FIG. 5

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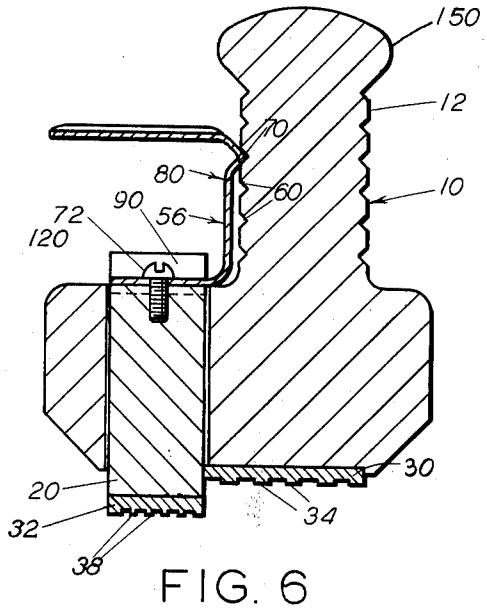


FIG. 6

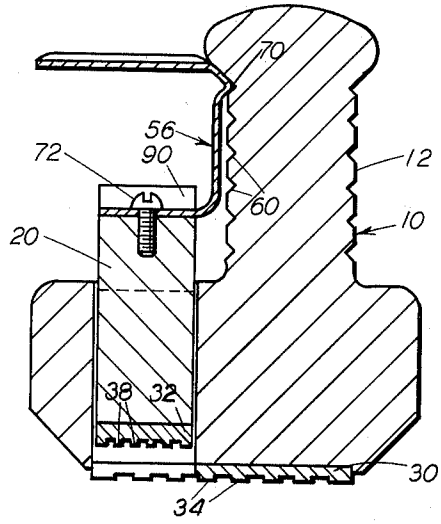


FIG. 7

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3,227,079

MULTIPLE SECTION PLATE STAMP

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1 Claim. (Cl. 101—201)

This invention relates to stamps and more particularly it is an object of this invention to provide multiple sections, each section for printing a different part of a design.

A particular object is to provide a stamp as described for making it possible that the different interfitting parts of a design can be printed in different colors.

Heretofore in the prior art there has been a problem in printing parts of a design having more than one color. It has been necessary to use two stamps, one to be inked and operated separately from the other, in which case, it is difficult to make the second portion of the design to register in the proper position with respect to the first portion.

Still another problem in the use of two stamps has been timing. The length of time it takes to gain a two-color design has retarded the popularity of multiple color imprinting. It is, therefore, an object to provide a device for multiple color stamping which is rapid and efficient in use and simple and quick to gain a good registration.

A particular object of this invention is to provide a multiple section stamp having interfitting sections adapted to be positioned apart from one another for the independent inking of each section and further adapted to be positioned with their inking surfaces in the same plane for the printing of a surface of an object by both sections simultaneously, each section applying a different color for attaining a multi-color printing with a single printing stroke, the single printing stroke assuring registry of the multiple sections of the design rapidly and without need of any particular skill.

Other and further objects and advantages of the present invention will be apparent from the following detailed description, drawings and claim, the scope of the invention not being limited to the drawings themselves as the drawings are only for the purpose of illustrating a way in which the principles of this invention can be applied.

Other embodiments of the invention utilizing the same or equivalent principles may be used and structural changes may be made as desired by those skilled in the art without departing from the present invention and the purview of the appended claim.

In the drawings:

FIGURE 1 is a perspective view of the multiple section stamp of this invention with sections shown in stamping position.

FIGURE 2 is a bottom plan view of the stamp shown in FIGURE 1 showing an illustrative design.

FIGURE 3 is a frontal elevation of the stamp shown in FIGURE 1 with sections shown in stamping position.

FIGURE 4 is a right hand view of the stamp as seen in FIG. 3.

FIGURE 5 is a modification of the stamp of FIGURE 1 in which one of the sections has an irregular shape, defining a flag staff and stars for the purposes of illustrating the way an irregular shape can be used with this invention.

FIGURE 6 is a view in section of the stamp as it would be seen along the line 6—6 of FIG. 3 if the smaller section were instead extended downward below the larger section for inking.

FIGURE 7 is a view similar to FIG. 6 but with the smaller section in an upwardly retracted position for exposing the larger section below the smaller section for the independent inking of the larger section.

Referring to the drawings, it will be seen that this

invention provides a stamp generally indicated at 10 in FIGURE 1 having a main body section 12 and a sliding insert section 20. The sections 12 and 20 each having on their under surfaces means for printing different respective parts of a design, such means can comprise rubber stamping coverings 30 and 32 on the sections 12 and 20 respectively.

A flag is shown by way of example. The resilient or rubber section 30 has raised portions 34 for imprinting stripes whereas the resilient under surface section 32 of the sliding section 20 is provided with raised outwardly or downwardly extending portions 38 for imprinting stars, as best seen in FIGURE 5.

The under surfaces of the resilient printing sections 30 and 32 are generally horizontal except for raised printing portions 34 and 38 and the under surfaces of the latter lie each in a horizontal plane as is customary.

The sliding section 20 is adapted to slide vertically through a vertical opening 40 in the main body section 12.

The opening 40 is adapted to snugly and slidably receive the sliding section 20 and they are preferably complementary shaped.

A spring clamp 56 together with vertically spaced notches 60 in the main body 12 serve to illustrate one means for movably interconnecting the sections 12 and 20 with respect to each other such that at times the printing means or resilient members 30 and 32 are respectively disposed in different planes, whereby sections 12 and 20 can be successively placed in contact with ink pads of different colors and whereby the sections 12 and 20 can also be placed in positions such that the printing members 30 and 32 on their under surfaces can be arranged in the same plane as shown in FIGURES 1–3 for the simultaneous stamping of a surface of an object by both sections 12 and 20 at the same time to attain the printing of a 2-color design.

The spring clip 56, as illustrated, is adapted to have a projecting portion 70 thereon received in any one of a plurality of vertically spaced notches 60 in the body section 12, and the clip 56 is fixed to section 20 by a screw 72.

As thus described, the spring clip 56 and notches 60 form a releasable lock means generally indicated at 80 and characterized by its ability to releasably lock one of its portions 56 in a plurality of positions with respect to the other of its portions, the body section 12, in at least three locking positions whereby when the parts are positioned as shown in FIGURE 7, the portion 30 can then be independently inked, and when the parts are in the position shown in FIGURE 6, portion 32 can be independently inked, and when the parts are as shown in FIGURES 1–3, the under surfaces of the resilient printing sections 30 and 32 are in parallelism for the simultaneous stamping of an object by both portions 30 and 32 and thereby by each of the sections 12 and 20.

As best seen in FIGURE 1, the spring clamp 56 is provided with a generally horizontally extending supporting portion 90 fixed by a screw 92 to the main body section 12 and the spring member 56 is upwardly arched between its securing point at screw 92 and its other secured point at the screw 72 which is fixed to the sliding section 20.

The upwardly arched portion permits an upward and downward movement of the sliding section with respect to the body section 12 sufficient to permit the sections 12 and 20 to assume various positions shown in figures of the drawing.

In the example shown, the sliding section 20 not only carries means for imprinting stars at 38, but also a downwardly depending portion 130 for depicting a flag staff, and the shape of the sliding section 20 therefore can be substantially L-shaped. Conversely, if it is de-

sired that the flag staff be of the same color as the stripes **34**, then the means for imprinting the flag staff can be fixed instead to the resilient printing section **30** of the main body section **12**.

As best seen in the modification of FIGURE 5, the main body section **12** is particularly adapted for manufacture by extrusion by virtue of the fact that all of its external surfaces are continuous and parallel in horizontal directions including, for example, the notches **60** as well as all surfaces of an upstanding handle portion **150** of the main body section **12**.

From the foregoing description, it is thought to be obvious that a multiple section plate stamp constructed in accordance with my invention is particularly well adapted for use, by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention can be changed and modified without departing from the principles and spirit thereof, and for this reason, I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice, except as claimed.

I claim:

A stamp, having a plurality of sections, means on the underside of each of said sections respectively when said stamp is in a normal upright position for printing different respective parts of a design, means movably interconnecting said sections in a manner permitting the movement of said sections with respect to each other such that at times the printing means of the under surfaces of said sections are respectively disposed in different planes whereby said sections can be successively placed in contact with ink pads of different colors, and whereby said sections can also be placed in positions such that the printing means on their under surfaces are arranged in substantially the same plane for the simultaneous stamping of the surface of an object, by all of said sections simultaneously to attain the printing of a two-color design, said sections comprising a main body section and a sliding section, said main body section having an opening therethrough extending transversely to the under surface of that printing means which is attached to said main body section, and said insert section being vertically slidable in said opening when said stamp is in a normal position, and further comprising releasable lock means having a portion on one of said sections and another portion on the other of said sections, said lock means being characterized by its ability to releasably lock one of its portions in a plurality of positions with respect to the other of its portions, said releasable lock means having at least three locking positions for maintaining said sections in either of two positions for the independent inking of each of said sections respectively and in a third position for the simultaneous stamping of an object by both of said sections, said lock means comprising the provision on said main body section of a plurality of notches spaced various distances from the side of said main body portion, and a resilient lock clip fixed to said insert section and having a portion releasably engageable with a selected one of said notches, said clip being releasable from a selected notch by a bending of said clip.

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