

Dec. 17, 1968

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3,416,490

INKING PAD FOR STAMP PADS

Filed July 28, 1967

Fig. 1.

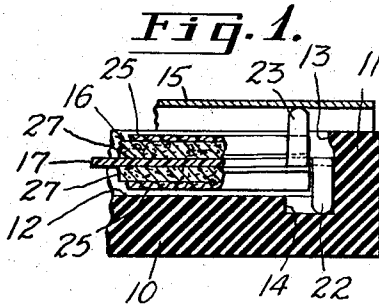


Fig. 2.

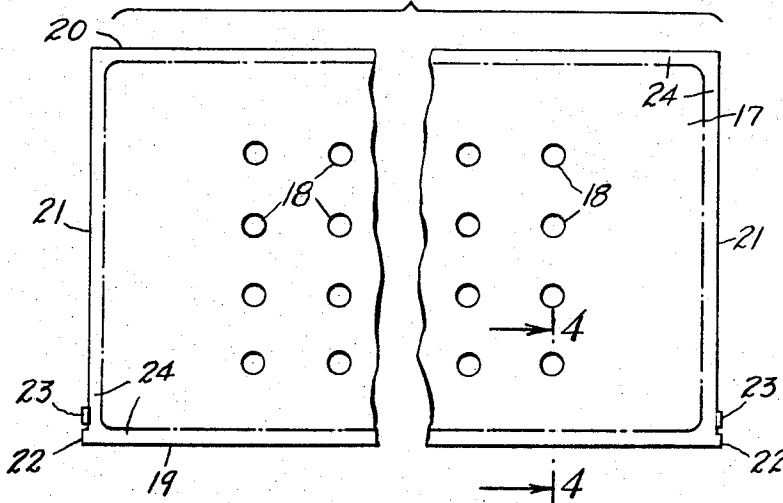


Fig. 3.

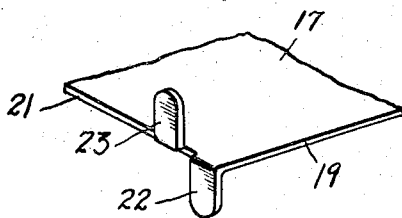
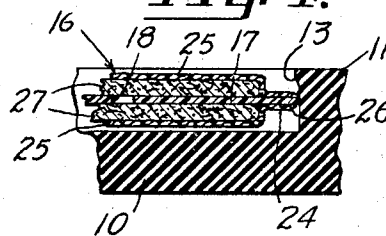


Fig. 4.



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3,416,490

INKING PAD FOR STAMP PADS
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Filed July 28, 1967, Ser. No. 656,863
2 Claims. (Cl. 118—269)

ABSTRACT OF THE DISCLOSURE

An inking pad employing a thin apertured plate, preferably of plastic material, for extended support of cushioning ink absorbing pads and the fabric facing sheet; further, wherein sides of the sheet adjacent one end thereof include upwardly and downwardly projecting key and mounting fingers or lugs, facilitating positioning of the inking pad in the base and pressure seating the inking pad in the base by engagement of the cover with fingers or lugs then projecting upwardly from the surface of the inking pad, keeping in mind reversible mounting of the inking pad in said base.

Background of the invention

The invention deals with stamp pads, generally of the type and kind disclosed in United States Patent Number 2,709,415 granted May 31, 1955, and, wherein, the base of the stamp pad includes slits for reception of projecting fingers or lugs on the supporting plate; further, wherein boundary walls of the base of the pad include, at upper portions thereof, inwardly extending lugs for retention of the inking pad against accidental displacement with respect to the base when the cover of the stamp pad is in open position.

To applicant's knowledge, the provision of a reinforcing or supporting plate in an inking pad incorporating integral upwardly and downwardly extending fingers or lugs for the purpose intended is new, as well as the means for retaining the fabric facing sheets on peripheral edges of the plate in support of the absorbent pads on opposed surfaces of the supporting plate.

Summary of the invention

By virtue of characteristics of the inking pad, noted above, an extremely simple, economical and highly practical end product is produced, which will render long efficient service in stamp pads of the type and kind under consideration. It will further be apparent that mounting the inking pad in and reversing position of the pad in the base of the stamp pad is simplified and can be accomplished without soiling the hands, bearing in mind that the upwardly projecting fingerpieces facilitate detachment of the inking pad from the base.

The novel features of the invention will be best understood from the following description, when taken together with the accompanying drawing, in which certain embodiments of the invention are disclosed and, in which, the separate parts are designated by suitable reference characters in each of the views and, in which:

FIG. 1 is a sectional view partially through the base and cover of a stamp pad showing one of my improved inking pads mounted therein, part of the structure of the inking pad being shown in section and omitting back-ground showing.

FIG. 2 is a broken away plan view of the supporting plate of the inking pad detached and illustrating in dot-dash lines location of the absorbent pads on the plate.

FIG. 3 is a perspective corner view of the plate on an enlarged scale; and

FIG. 4 is a section on the line 4—4 of the plate, FIG. 2, but illustrating the complete inking pad and part of the base of the stamp pad.

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This invention relates to stamp pads generally of the type and kind noted in the patent hereinbefore identified and FIG. 1 is generally similar to FIG. 3 of the patent, with the exception that the section is taken through the rear wall of the stamp pad rather than through the front wall, FIG. 1 showing the inking pad forming the subject matter of this invention. 10 shows the base of the stamp pad, 11 the raised inwardly set walls defining in the top of the base an inking pad receiving chamber or recess 12, in which the source of ink supply is located. The inner surfaces of the walls 11 have inwardly extending lips 13 for retaining the inking pad against accidental displacement with respect to the base.

The upper surface of the base 10, adjacent the rear walls of the base and at sides thereof, have slits 14. At 15 is shown diagrammatically the cover, without detail as to its support and mounting. These covers are usually hinged to the base for movement into open and closed positions, as taught in the patent hereinbefore cited.

In FIGS. 1 and 3 of the drawing, 16 will generally identify the inking pad. This pad comprises a reinforcing or supporting plate 17 suitably apertured, as seen at 18, for transmission of ink to the exposed surface of the pad 16. The plate 17 can be formed of thin metal but, in the present showing, it has been illustrated as a thin sheet of plastic material.

The plate 17 has a rear boundary edge 19, a front boundary edge 20 and side boundary edges 21. The side boundary edges 21 have, adjacent the rear boundary edge 19, pairs of key and mounting fingers or lugs 22, 23, 22 being disposed adjacent the rear edge 19; whereas, 23 is set inwardly, as clearly illustrated. Normally, these lugs are formed in alinement with the plate 17 and, by the application of heat to the plastic plate, they can be bent to extend upwardly and downwardly with respect to surfaces of the plate, as clearly illustrated in FIG. 3 of the drawing.

It will clearly appear from a consideration of FIG. 2 of the drawing that the lugs 22, 23 are disposed outwardly with respect to marginal edges 14, upon which edge portions of facing fabric sheets 25 are heat sealed or otherwise secured, as diagrammatically seen at 26 in FIG. 4 of the drawing. These facing sheets support the cushion absorbent pads 27 upon opposed surfaces of the plate 17 and inwardly set with respect to the edges of the plate 17 in defining the marginal edges, as at 24. This construction provides a complete seal around the entire periphery of the plate 17, as will be apparent from the dot-dash showing in FIG. 2 of the drawing.

Considering FIG. 1 of the drawing, it will appear that the fingers of lugs project well above the upper and lower surfaces of the facing sheets 25 of the inking pad and, to illustrate operation of handling the inking pad, let us assume that we deal with the pad in the position shown in FIG. 1 and it is desired to reverse the inking pad on the base. The cover is first moved into raised position. The upwardly extending lug 23 will then be grasped by the fingers of the hands to raise the rear portion of the inking pad. Then the pad will be moved rearwardly to disengage it from the lips 13 at the forward edge of the base. With the pad removed, then the lugs 22 will be engaged by the fingers of the hand and the forward edge of the pad inserted into the chamber 12 and the pad pressed downwardly through the lugs 22, until the lugs 23 have engaged the slits 14, which definitely key the inking pad in position and, at this time, the lugs 22 will be projecting upwardly and, in closing the cover 15, the cover will strike the lugs 22 to definitely urge the same into the locked or retained position, similar to the position shown in FIG. 1 of the drawing. It will be apparent that the slits 14 are made sufficiently long, so as to receive both of the lugs 22 and 23. With the lugs 22 now in raised position,

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these lugs will be grasped by the fingers of the hands in further removing or shifting the position of the inking pad with respect to the base.

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

1. In a stamp pad employing a base having an inking chamber defined by raised walls and a cover movable on the base, an inking pad for mounting in said chamber, said inking pad comprising a thin apertured support plate, side edges of the plate adjacent one end thereof having pairs of integral lugs projecting well beyond both surfaces of said plate, absorbent pads supported on both surfaces of the plate by facing sheets, said facing sheets being secured to marginal edges of said plate in maintaining peripheral edges of said absorbent pads within bordering edges of said plate, said plate being composed of plastic material, and said facing sheets are fabric and heat sealed to said plate in defining said marginal edges.

2. In a stamp pad employing a base having an inking chamber defined by raised walls and a cover movable on the base, an inking pad for mounting in said chamber, said inking pad comprising a thin apertured support plate, side edges of the plate adjacent one end thereof having pairs of integral lugs projecting well beyond both

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surfaces of said plate, absorbent pads supported on both surfaces of the plate by facing sheets, said facing sheets being secured to marginal edges of said plate in maintaining peripheral edges of said absorbent pads within bordering edges of said plate, said lugs at each side of the plate projecting beyond both surfaces of said plate, thereby providing reverse mounting of the inking pad in the inking chamber of said base, and a bottom wall of said inking chamber being slitted to receive said lugs in keying the inking pad in said inking chamber.

References Cited

UNITED STATES PATENTS

848,724	4/1907	Chandler	118—269
1,577,081	3/1926	Sengbusch	118—269
2,674,977	4/1954	Munson	118—269 XR
2,765,767	10/1956	Munson	118—264

FOREIGN PATENTS

454,079	9/1936	Great Britain.
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