May 19, 1925. 1,538,241

E. COLVILLE, JR

SELF INKING STAMP PAD

Filed Feb. 2, 1924

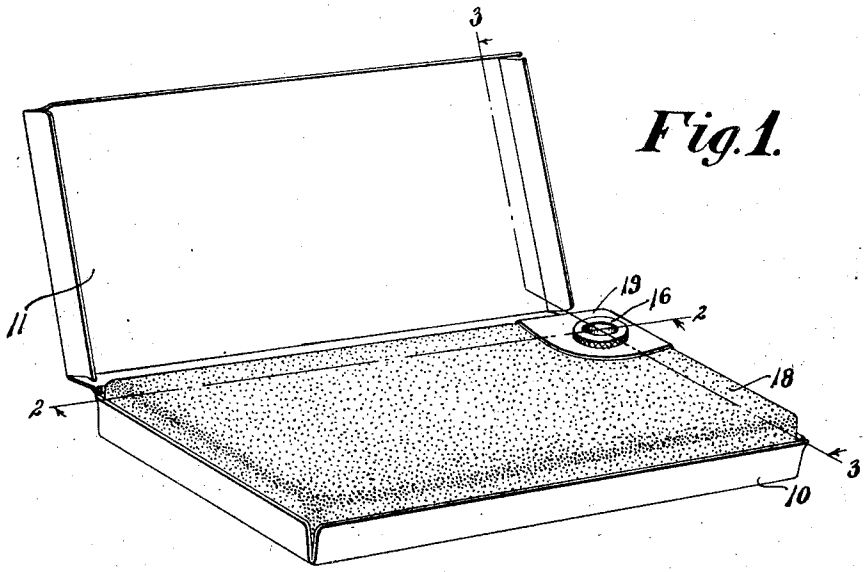


Fig. 1.

Fig. 2.

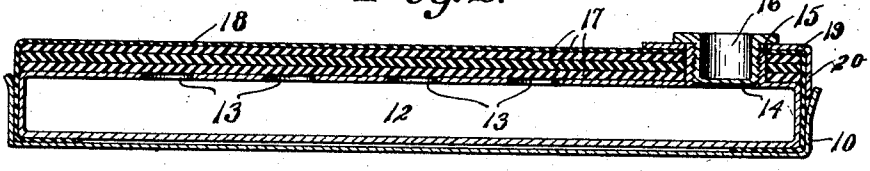
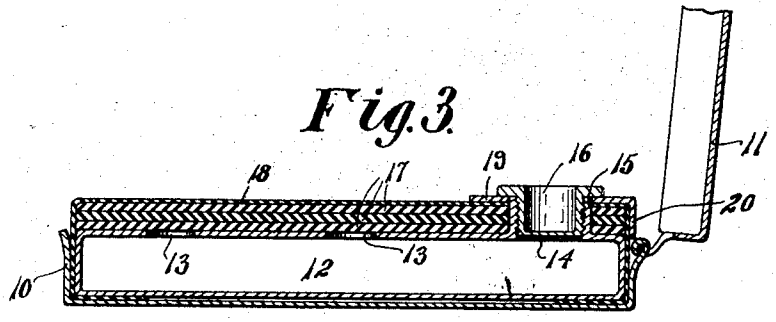


Fig. 3.



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WITNESS:

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UNITED STATES PATENT OFFICE.

ELMER COLVILLE, JR., OF PITTSBURGH, PENNSYLVANIA.

SELF-INKING STAMP PAD.

Application filed February 2, 1924. Serial No. 690,258.

To all whom it may concern:

Be it known that I, ELMER COLVILLE, JR., a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented new and useful Improvements in Self-Inking Stamp Pads, of which the following is a specification.

This invention relates to stationery apparatus, particularly to stamp pads, and has for its object the provision of a novel device of this character which contains within itself a reservoir adapted to be filled with ink, the reservoir having a flexible cover which will yield whenever a stamp is pressed onto the device and which will operate to cause ejection of the ink within the reservoir so that the ink will saturate the pad and keep it in proper condition for protracted use.

An important and more specific object is the provision of a device of this character which is provided with means whereby the supply of ink within the reservoir may be replenished from time to time whenever such becomes necessary to maintain the proper feed to the absorbent portion of the pad.

An additional object is the provision of a device of this character which will be simple and inexpensive to make, highly efficient in use, durable in service and a general improvement in the art.

With the above and other objects and advantages in view the invention consists in the details of construction to be hereinafter more fully described and claimed and illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the device showing the cover in open position,

Figure 2 is a section on the line 2—2 of Figure 1,

Figure 3 is a section on the line 3—3 of Figure 1.

Referring more particularly to the drawings the numeral 10 designates a box like receptacle upon which is hinged a cover 11. These elements may be constructed of tin or any other suitable sheet metal, enameled, painted or otherwise treated to have a pleasing appearance.

Located within this box like casing is a correspondingly shaped reservoir 12 which is likewise constructed as an elongated rectangular box which may be of zinc or other material which will not corrode when subjected to the action of ink. This reservoir is made in such a way that all sides thereof are closed, except that the top is formed with a plurality of holes 13 for the outlet of ink, and with a filling opening 14 surrounded by an upstanding flange 15 which is internally threaded. This filling opening is normally closed by a removable plug or cap 16 which is screwed into the flange 15.

Disposed upon the top of the reservoir 12 are layers 17 of felt or other equivalent absorbent material which layers are formed with registering openings for the passage of the flange 15. These layers are of the same length and width as the top of the reservoir and are held associated therewith by means of a covering 18 of any suitable fabric which is likewise provided with an opening for the passage of the flange 15 and which has its edges brought down outwardly of the sides and ends of the reservoir and held between the reservoir and the outside box 10 which is clearly shown in Figures 2 and 3. This covering might be glued or otherwise secured to the bottom and sides of the reservoir though the fit within the outside box 10 may be made sufficiently tight that friction will hold the parts in position.

While it is not absolutely necessary, I prefer to provide a guard plate 19 of substantially triangular formation which is located at one corner of the pad and which is formed with an opening for the passage of the flange 15. This guard has a depending skirt 20 which lies against the edge of the pan and which terminates at the upper edge of the box 10.

In the use of the device, the plug or cap 16 is removed and the reservoir 12 filled with ink of the proper kind. In actual practice the device is made of such size that this reservoir is filled by the contents of an ordinary ink bottle. It is also intended that the felt pads be initially thoroughly saturated with ink. When the device is in operation, or active service, every time a stamp is pressed upon the pad, the top wall of the reservoir will yield and this will result in forcing out ink which will pass through the openings 13 and saturate the felt pads and the fabric cover so that the device is constantly reinked as it is used. This is bound to keep the pad in proper condition so that it will not dry out. A distinct advantage is that there is no necessity for reinking from the top, as the ink is always poured into the

reservoir and automatically discharged therefrom for saturating the absorbent material.

While I have shown and described the preferred embodiment of my invention it is of course to be understood that I reserve the right to make such changes in the form, construction and arrangement of parts as will not depart from the spirit of the invention or the scope of the subjoined claims.

I claim:

1. A device of the character described comprising a box like case having a cover, a reservoir within the case having a perforated top and provided with filling means, a pad of absorbent material upon the top of the reservoir, the pad including a plurality of layers of absorbent material, and a fabric covering disposed over the layers of absorbent material and extending against the sides and ends of the reservoir and secured between the same and the bottom of the casing.

2. A device of the character described comprising an outer box like casing having a cover, a receptacle located within the casing and constituting a reservoir for ink, said receptacle having its top perforated, a pad of absorbent material held on the top of said receptacle, and a filling neck carried by the receptacle, extending through the absorbent material and normally closed by a cap.

In testimony whereof I affix my signature.

ELMER COLVILLE, JR.