

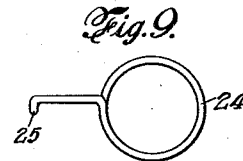
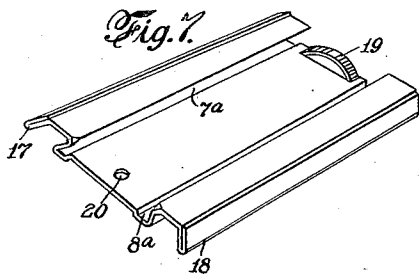
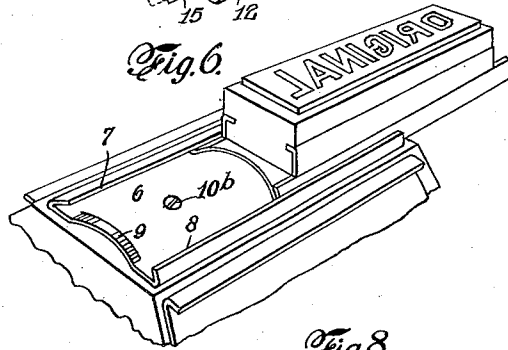
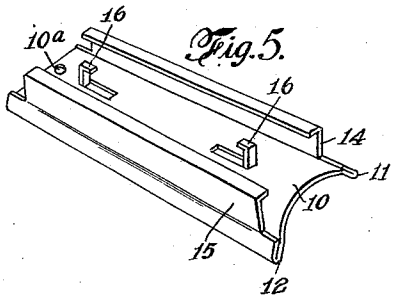
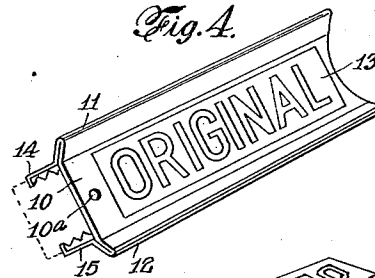
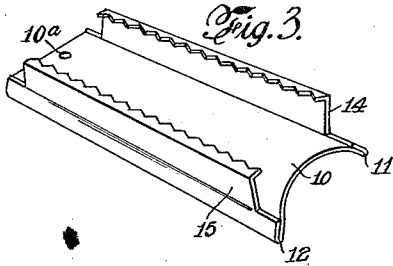
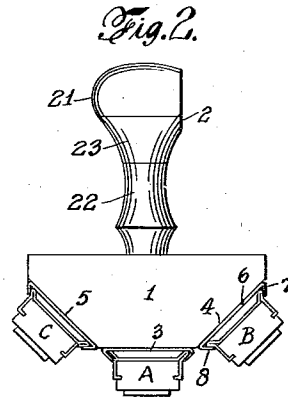
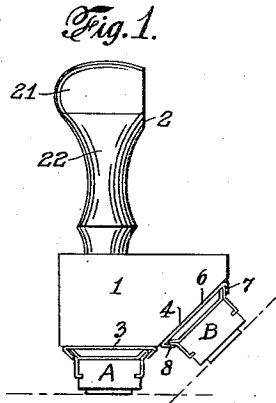
Oct. 17, 1939.

O. UHL, JR

2,176,160

HAND PRINTING STAMP

Filed May 10, 1938



INVENTOR.
Otto Uhl, Jr.
BY *William Rich Morse*
ATTORNEYS.

UNITED STATES PATENT OFFICE

2,176,160

HAND PRINTING STAMP

Otto Uhl, Jr., East Elmhurst, N. Y.

Application May 10, 1938, Serial No. 206,967

1 Claim. (Cl. 101—381)

My present invention relates to hand printing stamps and among the several objects comprehended thereby the principal one is to provide a form of stamp for use in large offices or business departments where it frequently happens that a group of papers or documents in manifold form require the impressions of several different stamps at one and the same time and to this end I have devised a form of base and means for interchangeably mounting thereon the printing surfaces or type blocks which are desired for a group arrangement or which may be selected for their associated use.

A feature of my invention resides in making a holder which will accommodate two or more type impression surfaces so mounted that the use of one will not interfere or mar the impression made by another and a form of code marking applied to the base or handle, preferably by use of designating colors, will indicate the grouping of the associated printing members.

Other improvements embraced by my invention comprise the means employed for detachably mounting the type blocks on the holder by the use of guides on the latter and a specially designed clip, cooperating with said mounting for securing the printing surfaces and pads, which is so formed that a space is provided on the back to receive a label which is of the same size and preferably an impression of the type block itself, the structure of the holder being shaped especially to protect the label against injury.

To these and other ends my invention consists of further improvements and arrangements of parts, all as will be further described in the following specification, the novel features thereof being particularly set forth in the appended claim.

In the drawing:

Figs. 1 and 2 are side views of a hand stamp showing a double and a triple arrangement, respectively, of a type block combination embodying my invention.

Fig. 3 is a perspective view of a type pad holder, the pad being omitted.

Fig. 4 is a similar view showing the underside of the holder and the label mounted thereon to indicate the impression face or type block carried by the holder.

Fig. 5 is a view similar to Fig. 3 showing a modification of the holder.

Fig. 6 is a perspective view of the bottom of the hand stamp illustrating the application of a type block holder.

Figs. 7 and 8 are perspective and end elevation views, respectively, of an adapter provided for use with holders differing in size from those previously illustrated.

Fig. 9 is a side view of the key for removing the holder.

Similar reference characters in the several figures indicate similar parts.

In carrying out my invention, I provide a base 1 which is manipulated by a handle 2. The lower face 3 of the base is a horizontal surface preferably at right angles to the axis of the handle 2. At one side of the face 2, as shown in Fig. 1, or at each side thereof, as shown in Fig. 2, the base has an angularly disposed face, or faces 4 and 5, extending upwardly and laterally, preferably at angles of 45 degrees which I have found to be most serviceable in practice.

The means for mounting the impression surfaces on the several faces which I have indicated by A, B and C are alike and a description of one will therefore be sufficient. Generally stated, I employ guide members permanently attached to faces 3, 4 and 5 and adapted to detachably engage the holders in which the printing blocks or members are permanently secured.

The guide members are formed of sheet material and comprise a bottom 6, the edges of which are turned upwardly and inwardly at 7 and 8 to form guideways. At one end a portion of the bottom 6 is upset as indicated by 9 to form a stop. These members are rigidly secured to the faces of the base by screws 10, as shown in Fig. 6.

In Figs. 3, 4 and 5 I have illustrated forms of holders for the type blocks which are constructed of sheet metal and comprise a central portion or bottom 10, having edges thereon formed by bending over the material and compressing narrow portions thereof to form ribs or rails 11 and 12 which are spaced apart a proper distance to engage within the guideways 7 and 8 of the guide member 6. An important feature of my invention resides in the way the ribs 11 and 12 are positioned with reference to the connecting bottom 10 of the holder. The latter may be flat or rounded upwardly slightly but the ribs extend at slight angles in outward and downward directions so that the bottom of the holder will be always held out of contact with any supporting surfaces with which the rails engage, for instance, a table top, supports in a filing cabinet or desk drawer, when inserted and removed from the cooperating attaching member on the base of the hand stamp. This arrangement provides

for the mounting of an identifying label 13 which is adequately protected against abrasion. The holder further comprises the side walls 14 and 15 extending outwardly from the inner edges of a pair of stiffening webs which are provided by reason of the fact that the guide rails 11 and 12 are bent back on themselves. In Fig. 3, I have shown the side walls as provided at their outer edges with inwardly extending teeth or serrations which by slightly compressing said walls will become embedded in the stamp-carrying pad which is usually made of sponge rubber. However, if the stamp-carrying pad is of a form intended to be vulcanized to the holder, the in-turned edges of the side walls may be smooth, as shown in Fig. 5, and the bottom 10 provided with fingers 16, formed as shown, and adapted to form anchors for the printing block.

The insertion of the printing block holder in the guideway and of its attaching member is illustrated in Fig. 6, its inward movement being limited by the stop 9. As it is desirable that a tight fit be maintained between the guides on one of these parts and the rails on the other, I provide the bottom 10 of the holder with an aperture 10^a at its outer end for the reception of a removing instrument such as the key shown in Fig. 9 having a finger ring 24 and an engaging end 25. The apertures 10^a also furnish a convenient means for suspending the holders of printing stamps not required for immediate use upon hooks of a filing rack or cabinet. When so suspended the labels 13 will be outermost and as they are impressions of their corresponding stamps and as such read from left to right the identification of the stamps is facilitated and a new selection or assembly may be made quickly.

Since it often arises in practice that in a combination set of stamps one of them may have smaller type, making it desirable therefore to mount it in a narrower holder, I provide an adapter constructed as shown in Figs. 7 and 8 which at its outer edges has the rails 17-18 fitting the guideways 7 and 8 of the attaching member 6 and recessed at the center to provide additional guideways 7^a-8^a to accommodate the narrower stamp block holder, as will be understood. This adapter has a stop projection 19 at one end, corresponding to stop 9 on member 6 and an aperture 20 to receive the key or extractor shown in Fig. 9.

Certain uses call for a wide variety of rubber stamps and in many classes of work these are divided into sets according to the classification of the paper being handled and it is important to the user that he be able to quickly identify them and to this end I have adopted a scheme of coding the assembly by the selection of two or more colors applied either to the stamp bases or

their handles 2 or both the bases and handles. When certain desired impression surfaces required for a particular job, such as the marking of a given class or set of papers have been selected and attached to the base 1 in the order of their intended use, the user is aware of his selection and by the association of each with particular color he can instantly locate among a variety of other stamps the one he particularly desires by the combination of colors on the handle 2. In Fig. 1 the stamp base carries two impression surfaces and its handle is painted with two contrasting colors, for instance, red in the crown area 21 and black in the stem area 22. Again in Fig. 2 when the base carries three impression surfaces, I have depicted for such use a third color, such as orange as indicated by 23.

The various features of my invention lend themselves admirably to the commercial manufacture of hand printing stamps, rubber stamps as they are frequently called. The bases 1 may be maintained in stock sizes with the attaching member 6 applied to their several working faces. Also the holders may be carried in stock with the rubber cushions affixed thereto in readiness to have cemented thereon the impression surface or type which will be made up or molded in accordance with the specification of a given purchase order. The handles 2 may be finished in a series of sets of colors so that when a completely new combination rubber stamp is required a handle having an appropriate color combination may be selected and secured to the stamp base.

What is claimed is:

A hand printing stamp comprising a base support presenting a relatively flat surface, a relatively flat sheet-metal guide member carried on said relatively flat surface and including a relatively flat bottom having at its longitudinal margins upwardly and inwardly extending guideways arranged in a parallel relation and extending lengthwise of said relatively flat surface, a printing pad holder adapted to be slid into and out of printing position on said guide member and including a bottom having at its longitudinal margins outwardly and downwardly extending rails shaped complementary with respect to said guideways and serving to maintain the bottom of said holder in a spaced relation to the bottom of said guide member when said holder is positioned on said guide member in printing position, said rails being turned back on themselves so as to provide a pair of stiffening webs, said stiffening webs terminating in upwardly extending side walls disposed in a parallel relation and extending lengthwise of said holder and adapted to receive therebetween a printing pad.

OTTO UHL, JR.