

July 25, 1933.

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1,920,058

RUBBER STAMP CONSTRUCTION

Filed June 27, 1930

Fig. 1.

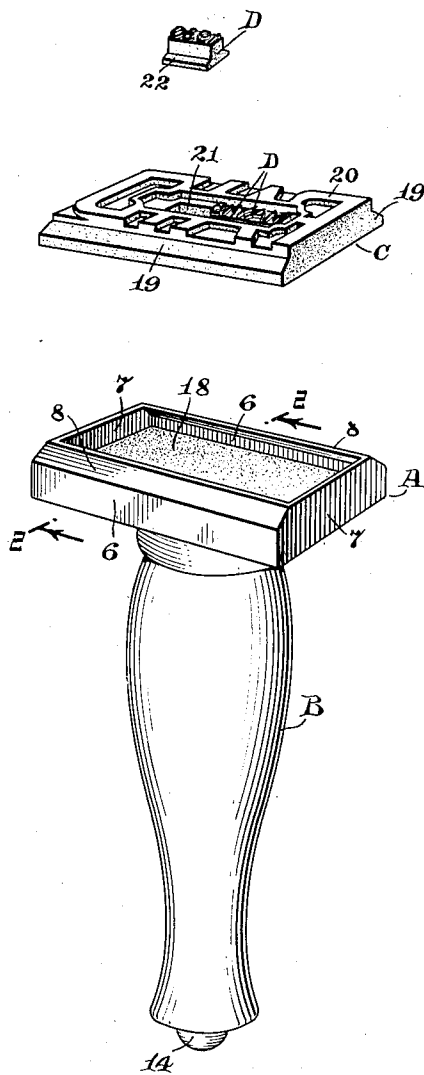


Fig. 2.

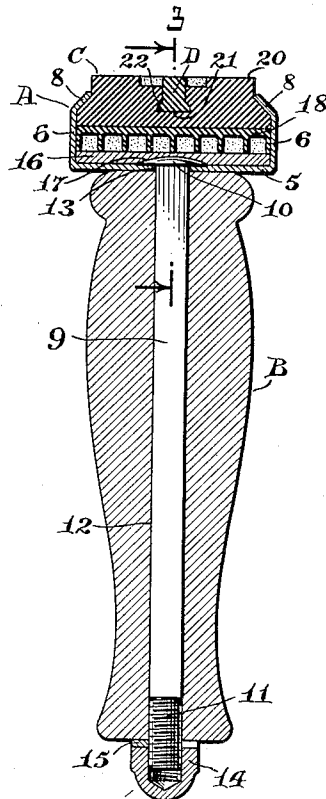
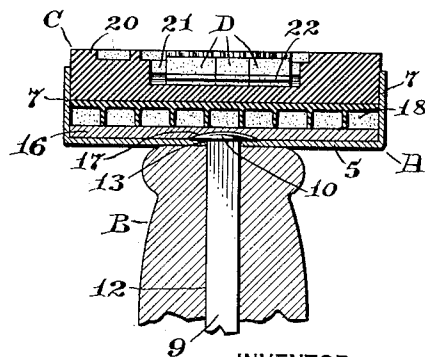


Fig. 3.



WITNESSES

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RUBBER STAMP CONSTRUCTION

Application filed June 27, 1930. Serial No. 464,344.

This invention relates to rubber stamps of the type which are commonly used in offices, banks or similar places, for various purposes, and particularly to those types of rubber stamps in which interchangeable date dies are employed as a part of the subject matter to be printed thereby.

At the present time, practically all rubber stamps of this character include a printing die which is adhesively fixed to a cushion backing, which backing is in turn adhesively secured to a handled holder or mount. In addition to the fact that the construction set forth entails considerable labor and expense due to the adhesive connection of the elements, it is obvious that the die and its mount are designed to be permanently associated with each other so that each die requires a separate mount and handle of its own.

The present invention aims for one of its principal objects to provide an improved rubber stamp construction, in which the printing die is detachably carried by the mount, whereby a single mount may selectively receive a plurality of dies, the subject matter of which varies and in which the die cushion is associated with the mount and with a cushion backing without resorting to adhesives.

The invention further comprehends an improved rubber stamp construction of the type in which interchangeable date dies are employed as part of the subject matter to be printed and in which said interchangeable date dies are directly associated with the printing die proper.

As a further feature, the invention resides in a rubber stamp construction in which the mount and handle are assembled in such a manner as to effectually prevent their separation or any relative movement therebetween.

A further feature and advantage of the invention resides in the provision of a rubber stamp construction in which the mount is designed to interchangeably receive a plurality of printing dies, which permits of the storage and filing away of the dies not in active use, in a smaller amount of space than

would be required for a plurality of complete stamps where the dies, mounts and handles are permanently associated.

Other objects of the invention reside in the comparative simplicity of construction and mode of use of the stamp, the economy with which it may be produced and the general efficiency derived therefrom.

With the above recited and other objects in view, reference is had to the following description and accompanying drawing, in which there is exhibited one example or embodiment of the invention, while the claim defines the actual scope of the invention.

In the drawing:

Figure 1 is a collective perspective view illustrating the die removed from the mount and one of the interchangeable date dies removed from the printing die.

Figure 2 is a vertical sectional view with the parts in assembled relation, taken approximately on the line indicated at 2—2 in Figure 1.

Figure 3 is a fragmentary vertical sectional view taken on the line 3—3 of Figure 2 in a plane approximately at right angles thereto.

Referring to the drawing by characters of reference, the stamp includes a mount or holder designated generally by the reference character A, which is provided with a handle B. The mount or holder is preferably constructed of metal or any other suitable material to provide a base wall 5 having marginal side and end walls 6 and 7 disposed perpendicular to the base wall 5. The side walls 6 are provided with inwardly inclined terminals 8 to present a receiving opening of lesser width than the distance between the inner surfaces of the opposite side walls 6. In order to effectually secure the handle B to the mount or holder A and to prevent relative movement therebetween, a bolt 9, the shank of which for the major portion of its length is square or of any other suitable non-circular configuration in cross section, is provided. The bolt is formed with a head 10 at one end and with a threaded opposite end 11. The handle B is provided with an axially extending bore

12, which corresponds to the shape of the bolt shank and snugly receives the same, while the base wall 5 of the mount or holder A is provided with a centrally disposed opening 13 corresponding to the cross sectional shape of the bolt. The bolt is inserted from the inside of the mount or holder A and thence through the bore 12 of the handle, after which a cap nut 14 is threadedly engaged over the protruding threaded extremity 11 of the bolt shank 9. In practice, a lock washer 15 will preferably be interposed between the cap nut 14 and the outer end of the handle B. In order to cover and conceal the bolt head 10 and to present a smooth flat inner surface parallel to the base wall 5, a filler element 16 is arranged within the holder or mount A, said filler element being recessed as at 17 to accommodate the bolt head.

A suitable cushion backing 18 is arranged within the mount or holder, and the same may be of any desired yieldable or compressible material.

The printing die, designated generally by the reference character C, which is constructed of rubber or other equivalent yieldable flexible material, is in the nature of a block, the lower portion of which is shaped to normally fit snugly within the holder or mount between the side and end walls 6 and 7 and the cushion backing member 18. This lower portion is provided with beveled shoulders 19 which conform to and snugly fit behind the inwardly inclined terminals 8 of the side walls 6, it being apparent that the yieldability or compressibility of the material from which the printing die is constructed, permits of the forcing of the same into position within the mount or holder A. The printing die is formed with the usual raised type faces 20 defining the main characters to be printed by the stamp. Where the stamp is of the type which includes interchangeable type dies designated gener-

ally by the reference character D, such as, for instance, for printing dates, the main printing die C is formed with a groove or recess 21 which is formed with undercut side walls to receive the beveled shoulder portions 22 of the interchangeable dies D. Under this construction and arrangement, it is apparent that an improved rubber stamp construction has been set forth, in which a single holder or mount may selectively receive a plurality of printing dies, thereby affording a more economical assembly of the dies by the elimination of the use of adhesives and whereby a single handle may be used in connection with a plurality of printing dies. This construction also admits of the saving in the space required for the storage of the printing dies which are not in active use. It will also be observed that where it is desired to produce printing dies having interchangeable type matter to be associated therewith, the expense of producing such dies is reduced.

While there has been illustrated and described a preferred form of the invention, it is to be clearly understood that no limitation is made to the precise structural details, but that modifications which fall within the scope of the appended claim may be resorted to when found desirable.

What is claimed is:

In a rubber stamp, a hollow mount having a closed end and a restricted open end adapted to receive a compressible elastic die member, a handle for said mount having a non-circular axial bore, said mount having a similarly shaped opening in its closed end, a bolt of a cross sectional shape corresponding to and extending through said handle bore and said mount opening with the head disposed within the mount and a nut threadedly engaging the outer end of the bolt which protrudes from the outer end of the handle.

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