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E. R. WEBER

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RESILIENT MOUNTING FOR STAMPS IN STAMP HOLDERS

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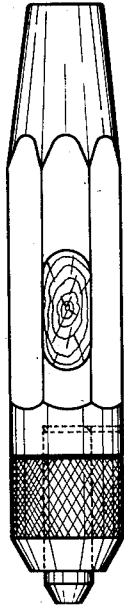


Fig. 1

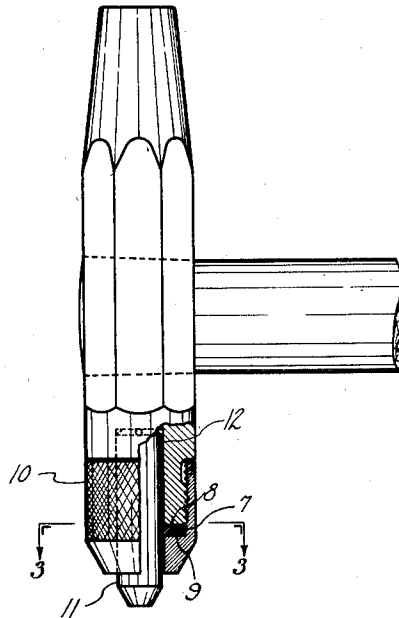


Fig. 2

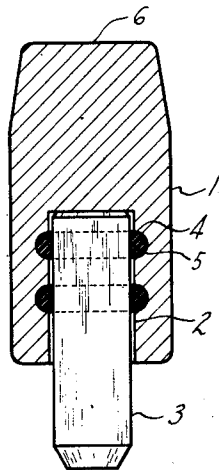


Fig. 4

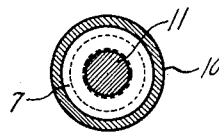


Fig. 3

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## UNITED STATES PATENT OFFICE

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RESILIENT MOUNTING FOR STAMPS IN  
STAMP HOLDERS

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Application May 18, 1940, Serial No. 335,984

1 Claim. (Cl. 279—102)

This invention relates to new and useful improvements in die holders, and it is among the objects thereof to provide means for resiliently engaging the die or stamp in a holder for absorbing the shock of the blows to which the stamp and holder are subjected.

The invention may be embodied in various forms depending upon the construction of the stamp and holder, the examples shown in the accompanying drawing being typical.

In the drawing, constituting a part hereof and in which like reference characters designate like parts:

Fig. 1 is a front elevational view of an inspection hammer embodying the principles of this invention;

Fig. 2 a side elevational view of a portion of the holder shown in section;

Fig. 3 an end elevational view of the stamp and holder of Figs. 1 and 2; and

Fig. 4 a vertical section partially in elevation of a stamp and holder illustrating another embodiment of the invention.

With reference to the structure shown in Fig. 4, the numeral 1 is a stamp holder having a recess 2 for receiving the shank 3 of the stamp or die, the recess 2 being of somewhat larger dimensions than the shank 3.

The holder 1 is provided with grooves 4 on the periphery of the recess 2 in which are disposed resilient liners 5 of rubber or the like that are preshaped by molding to the desired dimensions and contour of the groove in which they are to be seated.

The inner dimensions of the liners 5 are less than the outer dimensions of the stamp 3 and the liners thereby adapt themselves to intimately engage and secure the stamp 3 therein.

In the use of the resilient liners for stamps and stamp holders, they function to absorb the shock from the hammer blows applied to the surface 6 of the holder, and after long usage it is found

that the stamp will not fall out of the holder.

The advantages of this construction are that thereby the handling of the holder and stamp is greatly facilitated, and the parts are always in proper assembly. Also, the wear on the stamp and holder is reduced in that the parts are maintained in proper relative position at all times.

In the adaptation of the invention to the form of holder and stamp shown in Figs. 1 to 3 inclusive, a resilient washer 7 of rubber or the like is placed to abut against the end face 8 of the holder and the shoulder 9 of a screw sleeve 10. By rotating sleeve 10, the washer 7 is compressed and displaced so that it will undoubtedly engage the shank 11 of the stamp which is disposed in the central opening 12 of the holder which, like in the structure of Fig. 4, is of greater dimensions than the dimensions of the stamp. In the form of Fig. 1, the resilient element can be adjusted to apply the desirable compression for engagement with the stamp. It greatly prolongs the life of the die and holder, and in practice it has been found that the stamp will not drop out of the holder.

Although several embodiments of the invention have been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

I claim:

In combination, a stamp holder having a socket end, a plurality of axially spaced circular grooves in the wall of the socket portion thereof, rubber liners having a circular outer contour disposed in said grooves, the inner contour of said liners being flat and of lesser diameter than the inner diameter of the socket, and a stamp disposed in the socket out of contact with the side walls thereof and in intimate engagement with the flat wall of said liners.

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