April 27, 1943. V. SORRENTINO 2,317,649

ADAPTER FOR INITIALING MACHINES

Filed Jan. 26, 1942

Fig. 1.

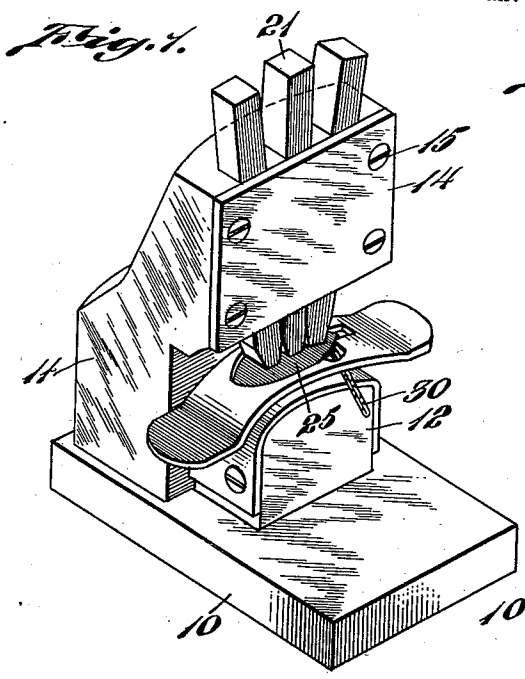


Fig. 2.

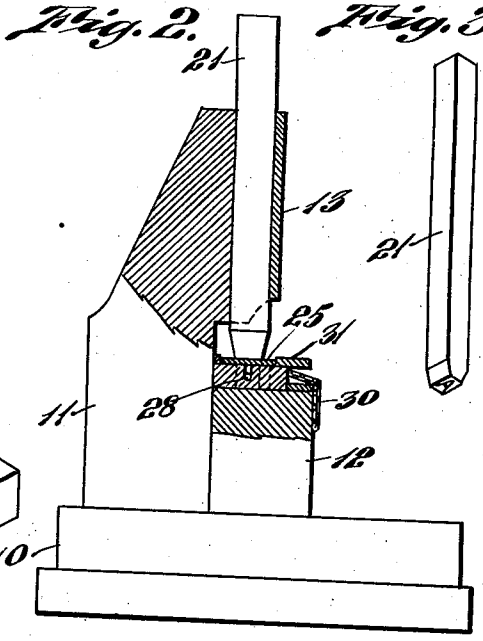


Fig. 3.

Fig. 5.

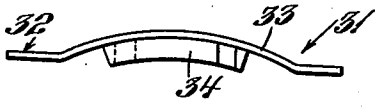


Fig. 4.

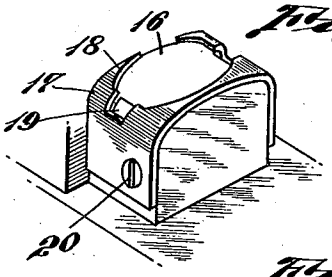


Fig. 6.

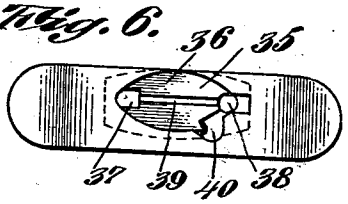


Fig. 7.

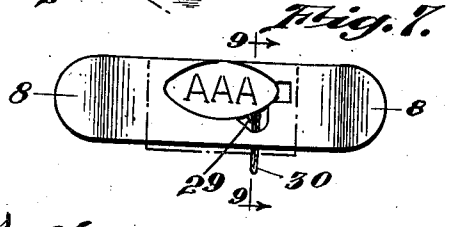


Fig. 8.

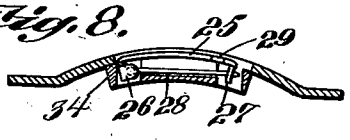


Fig. 9.

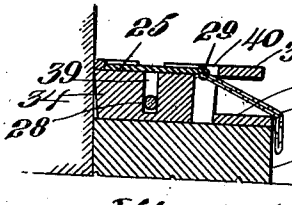
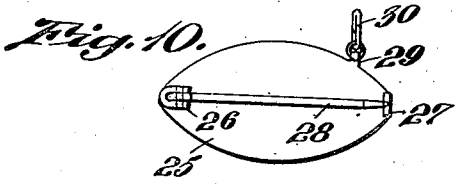


Fig. 10.



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ADAPTER FOR INITIALING MACHINES

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Application January 26, 1942, Serial No. 428,246

2 Claims. (Cl. 101—4)

This invention relates to an initialing machine, more particularly that type of machine disclosed in Patent No. 2,035,149 dated March 24, 1936.

In the use of the initialing machine shown in the above mentioned patent a bracelet plate of but one particular shape and size may be used in such machine except by exchange of a rather complicated guide and anvil if a different size and shape of the work is to be accommodated in the machine.

One of the objects of this invention is to provide an adapter which may be inserted in a machine shaped for one particular size and shape of work whereby different sizes or shapes of work may be utilized in the machine merely by changing adapters with the provision of one adapter for each different size and shape of work piece which is to be accommodated.

Another object of this invention is to provide an adapter which may easily be set into the machine and removed therefrom.

Another object of the invention is to provide recesses in the adapter so as to accommodate such protuberances as a pin stem joint, catch or pin stem, or other parts which may extend from the body of the work which is to be stamped.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawing:

Fig. 1 is a perspective view illustrating the initialing machine with an adapter, which is the subject of this invention, in place.

Fig. 2 is a fragmental section of the machine as shown in Fig. 1.

Fig. 3 is a perspective view of one of the stamping members.

Fig. 4 is a perspective view of the anvil in the form in which it exists in the machine shown in the above mentioned patent.

Fig. 5 is a side view of the adapter.

Fig. 6 is a top plan view of the adapter.

Fig. 7 illustrates the adapter with a piece of work set into it.

Fig. 8 is a sectional view on line 8—8 of Fig. 7.

Fig. 9 is a fragmental section on line 9—9 of Fig. 7 with a fragmental part of the machine.

Fig. 10 is a back view of the work.

The initialing device with which my invention cooperates consists of a base 10 upon which there is mounted a standard 11 suitably held in position against turning. Upon this base there is mounted an anvil 12 also secured in position to the base against turning. This anvil engages the standard 11 and is located below the overhanging portion 13 of this standard which is provided with a plurality of slots or grooves which are closed by the face plate 14 held to the overhanging part of the standard by bolts 15.

The top surface 16 of the anvil is curved to conform to the curvature of some piece of work which is to rest thereon and in order that this work may be held definitely in position a U-shaped guide 17 is provided which is cut out as at 18 in a shape to just receive and snugly fit the work which is to be located on the anvil. Recesses 19 are provided at the end of the major part of the opening 18 for the accommodation of a linked bracelet or chain which may be attached to the work at the time it is desired to initial or stamp the same. The guide 17 is held on the anvil by screws 20 to secure it firmly in position.

If it is desired to stamp a piece of work which is held in the guide 17 and resting upon the anvil surface 16, a stamping member 21 is guided through one of the openings or slots in the overhanging portion of the standard 11. Three of these may be utilized for this purpose, one being central and the other two inclined to the vertical all being on a radius from the same center so that they will be substantially perpendicular to the work when supported in position.

A brooch having a plate 25 with a pin stem joint 26, a pin stem catch 27, a pin stem 28 and an eye 29 to which a chain 30 is attached, could not be stamped on the anvil such as shown in Fig. 4 without complete reconstruction of the anvil and the guide. In order to enable the machine which I have heretofore described to operate upon a brooch such as just described and shown in Fig. 10 I have provided an adapter designated generally 31 (see Fig. 5 and Fig. 6) which consists of a plate 32 shaped at its mid portion 33 to conform to the curvature of the anvil guide plate 17 and which has a block 34 protruding rearwardly therefrom which is in the shape to fit within the recess 18 of the guide plate 17 and be prevented from turning by reason of this close fit. The thickness or depth of this block 34 is greater than the thickness or depth of the guide 17 as illustrated in the drawing here shown. This block 34 is secured to the plate 32 in any suitable manner, such for instance as by solder. The top of the adapter is recessed as at 35 such for instance as by cutting away the plate 33 so as to expose the surface of the block 34 beneath. The shape of this recess or cut out portion will be the shape of the plate part of the brooch which

is to be accommodated and there will be provided a surface **36** upon which this plate may rest. In order that the protruding parts of the brooch may be accommodated I have provided cavities or recesses **37**, **38** and **39** in this block and in order that the pin stem joint catch and stem may be accommodated. A further recess **40** is provided for the reception of the eye **29** while a chain may be accommodated through this recess **40** which may be a hole extending completely through the adapter and into which the chain **30** may be positioned to extend outwardly from the adapter at a point above the guide **17**.

From the above it will be apparent that all sorts of different devices may be accommodated by different adapters each one having a block part which will fit the guide of the initialing device heretofore provided and by providing the block of a greater thickness than the depth of the guide, chains and other various connections to these parts may be accommodated and need not be detached while initialing the main body plate of the work.

I claim:

1. An attachment for an initialing device having an anvil with a recessed work guide thereon comprising a plate having a block protruding from the under side thereof, said block being of a shape conforming to said guide, of a size to be snugly received in said guide and of a thickness greater than the depth of the recessed guide to space said plate from said work guide, said plate being cut out to expose said block and provide an anvil supporting surface, said cut out of the plate being of a predetermined shape to receive and guide a piece of work received therein, said block being recessed in a predetermined location to receive a protuberant part of the work.

2. An attachment for an initialing device having an anvil with a recessed work guide thereon comprising a plate having a block protruding from the under side thereof, said block being of a shape conforming to said guide, of a size to be snugly received within said guide with a space along its periphery, and of a thickness greater than the depth of the recessed guide to space said plate from the upper surface of said work guide, said plate being cut out to provide a recess of predetermined shape to receive and guide a piece of work received therein and to expose said block and provide an anvil supporting surface, said block being recessed in a predetermined location to accommodate rearwardly protruding parts of the work, said attachment being provided with an opening extending through said plate and block at the location of the said space along the periphery of the guide to permit a chain connected to the work to pass therethrough and out of the space between the upper surface of said work guide and said plate.

VINCENT SORRENTINO.