Sept. 27, 1949. L. M. HERTZ 2,482,909

MAGNETIC HAMMER

Filed Feb. 27, 1946

Fig. 1.

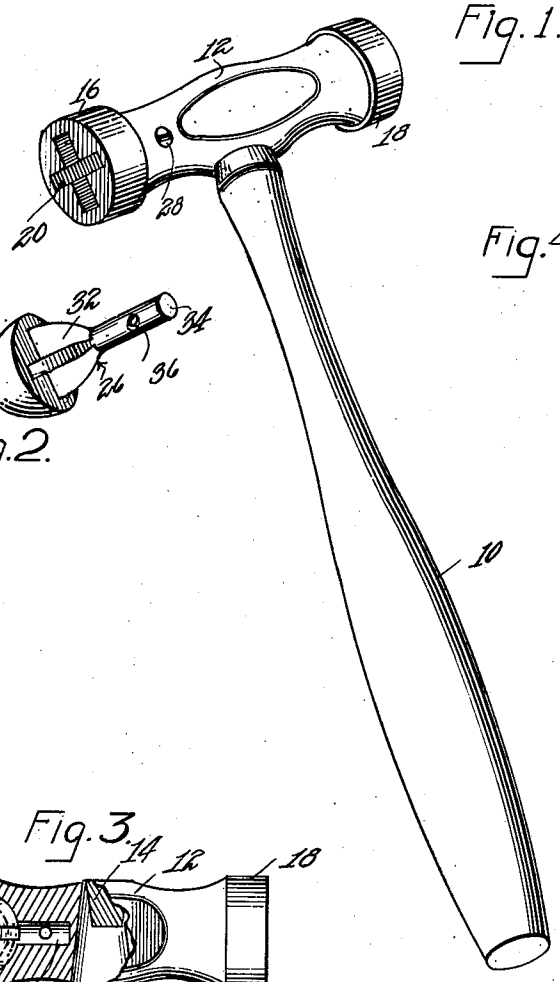


Fig. 2.

Fig. 4.

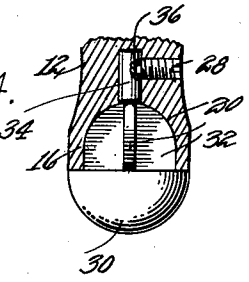


Fig. 5.

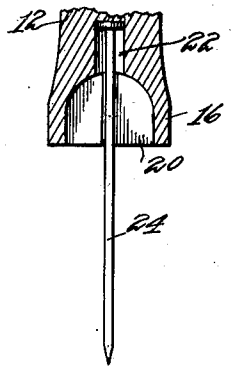
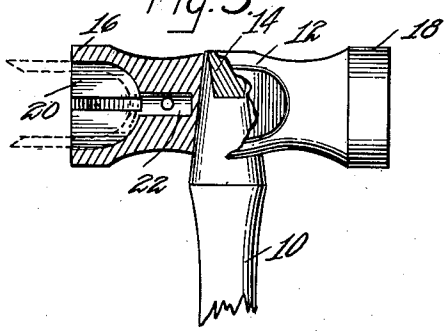


Fig. 3.



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2,482,909

MAGNETIC HAMMER

Lonie M. Hertz, Farmington, Mo.

Application February 27, 1946, Serial No. 650,520

1 Claim. (Cl. 145—30)

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This invention relates to improvements in magnetic hammers and more particularly to a magnetic hammer having a recess in the driving head thereof to hold nails or staple in position for driving.

An object of this invention is to provide a hammer having magnetic qualities and means in one of the driving heads for holding nails or staples in driving position.

Another object of the invention is to provide a hammer that is durable, simple and efficient in use and can be manufactured at a low cost.

With the above and other objects and advantages in view the invention consists of the novel details of construction, arrangement and combination of parts more fully hereinafter described, claimed and illustrated in the accompanying drawing in which:

Figure 1 is a perspective view of an embodiment of the invention;

Figure 2 is a perspective view of the removable ball pin;

Figure 3 is an elevational view of the hammer partly in section showing a staple in dotted lines in driving position;

Figure 4 is a fragmentary sectional view showing the ball pin in position and

Figure 5 is a fragmentary sectional view showing a nail in driving position.

Referring more in detail to the drawing the reference numeral 10 designates the handle on which the hammer head 12 is mounted in the conventional manner. The handle is socketed at the head receiving end to receive the plug 14 for more firmly securing the head thereon.

The head is provided with magnetic qualities in the usual manner and is provided with similarly shaped driving faces 16 and 18 respectively.

The face 16 is provided with the cross shaped recess 20 which has the circular bore 22 at the bottom thereof. The recess 20 is curved at the bottom thereof so that a staple shown in dotted lines in Figure 3 may be received therein in either of two driving positions at right angles to each other.

The bore 22 is adapted to receive a nail 24 therein in driving position with the hammer having magnetic qualities the nail or staple will be retained therein until they are driven into position.

If it is desired to use the hammer as a ball or machinist's hammer, a removable ball pin 26 may be inserted in the recess and bore and retained therein by a screw 28 mounted transversely of the hammer head.

The pin 26 has the semi-spherical head 30 and the cross shaped stud 32 formed thereon to be

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seated in the cross shaped recess 20 and the stud has a tit 34 formed thereon which is received in the bore 22 and a seat 36 receives the end of the screw 28 to prevent movement or loss of the pin 26.

There has thus been provided a hammer which will enable the user to place and drive in a staple or nail by the use of only one hand and the recess in the hammer can be made of various diameters to receive and position therein staples of various sizes.

It is believed that the operation and construction of the hammer will be apparent to those skilled in the art and it is to be understood that changes may be made in the size and details of construction without departing from the spirit of the invention or the scope of the appended claim.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

A magnetic hammer, including a magnetized metallic head having oppositely disposed flat faces thereon, and a handle secured to said head intermediate of said faces, one of said faces having a cross-shaped recess formed therein centrally thereof and a circular bore at the bottom of and communicating with the recess, and said recess and said bore are adapted to retain a staple or nail therein in driving position, a set screw in said head at right angles to said bore and adapted to protrude into said bore, a striking end having a semi-spherical shaped head provided with a cross-shaped stud on the rear of said head and a tit formed at the center of said cross-shaped stud and said stud is adapted to enter said recess and said tit is adapted to enter said bore and be engaged by said set screw to retain said stud and said tit in said recess and said bore.

LONIE M. HERTZ.

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