E. WISROTH.

TOOL.

APPLICATION FILED APR. 28, 1921.

1,435,885. Patented Nov. 14, 1922.

FIG. 1.

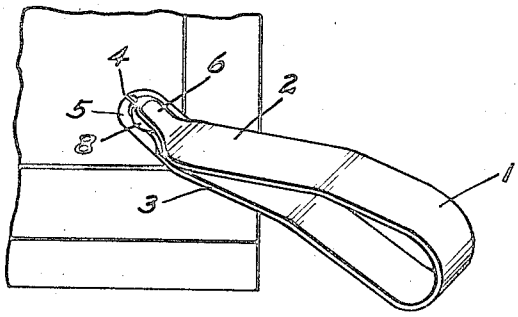


FIG. 5.

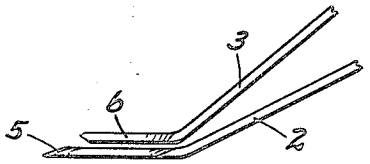


FIG. 2.

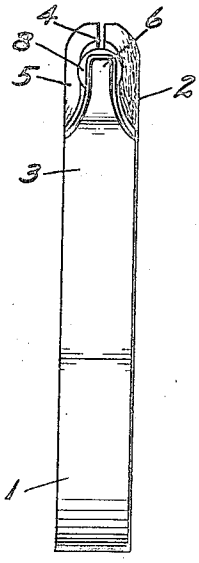


FIG. 3.

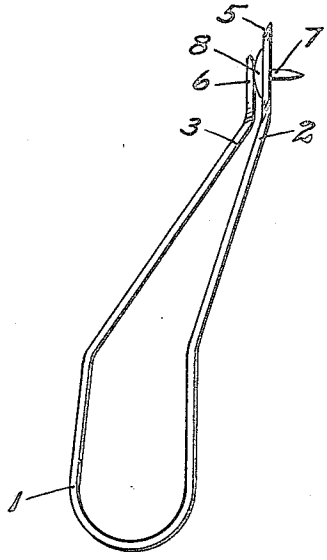
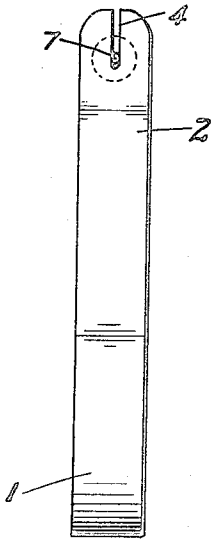


FIG. 4.



ERNST WISROTH INVENTOR.

BY Hazard & Miller

ATTORNEYS.

Patented Nov. 14, 1922. 1,435,885

UNITED STATES PATENT OFFICE.

ERNST WISROTH, OF VENICE, CALIFORNIA.

TOOL.

Application filed April 23, 1921. Serial No. 465,159.

To all whom it may concern:

Be it known that I, ERNST WISROTH, a citizen of the United States, residing at Venice, in the county of Los Angeles and State of California, have invented new and useful Improvements in Tools, of which the following is a specification.

This invention is a tool particularly adapted to be employed for withdrawing thumb tacks and for placing the same in position, and also forming a convenient paper cutter.

The improved construction includes a claw member adapted to engage a thumb tack or the like, and an abutment element overlying the claw member and adapted to be pressed down against the same so as to engage the head of a thumb tack, or the like, which is within the claw. The abutment element is thus arranged to hold the thumb tack in the claw, and also provides means for pressing against the head of the thumb tack when it is desired to insert the latter in a drawing board or the like.

The improved construction also includes knife edges provided upon the claw member in order that the tool will form handy means for cutting paper.

The invention will be readily understood from the following description of the accompanying drawings, in which:

Figure 1 is a perspective view showing the method of using the improved tool.

Fig. 2 is a top plan view of the tool.

Fig. 3 is a side elevation of the same.

Fig. 4 is a bottom plan view of the tool.

Fig. 5 is an enlarged side elevation of the operating ends of the improved tool structure.

The tool is preferably formed of a strip of spring material bent to form a loop having the base 1 forming a handle portion, and the end extensions 2 and 3 with the end 3 slightly shorter than the end 2 and overlying the same. The end 2 of the spring loop is longitudinally slotted as shown at 4 in order to form a claw structure, and the spring strip at the sides of said slot is preferably of gradually reduced thickness, as shown at 5, in order to form knife edges, it being understood that the tool is of a suitable grade of steel to form an efficient cutting medium for paper and the like.

The end 3 of the spring strip forms an abutment element which is preferably of reduced size as shown at 6 and which overlies the inner end of slot 4. The spring strip is preferably so arranged that the abutment element 6 will be normally spaced slightly from the claw end of the strip, as clearly shown in Fig. 5, and as a consequence the claw may be readily engaged beneath a thumb tack, such as shown at 7, so that the head 8 of the thumb tack is received against the upper surface of the claw structure in convenient position to have the abutment element 6 pressed against the same in order to hold the thumb tack in the claw.

By this arrangement a thumb tack may be readily removed with the tool, and the tack will be conveniently held by the tool in such position as to permit of the ready insertion thereof in a drawing board, or the like, by simply pressing the tool down against the drawing board and pushing upon abutment element 6 to force the tack into the board. When the thumb tack has thus been placed in position, the tool may be readily removed by sliding the same to disengage the thumb tack from the slot 4.

It will thus be seen that I have provided an extremely simple but efficient apparatus for both removing thumb tacks and placing the same in position, the structure including a claw adapted to engage the tack and an abutment element overlying the same for pressing against the head of the tack in order to hold the latter in the claw and also force the thumb tack into a drawing board, or the like.

The tool furthermore forms a convenient paper cutter, so that a practical and efficient implement is provided for the use of draftsmen and the like.

Various changes may be made without departing from the spirit of the invention as claimed.

What is claimed is:

A tool of the character described comprising a single length of resilient metal bent upon itself intermediate its ends to provide a handle portion, and inclined portions extending from the ends of the handle portion and arranged in converging relation to each other, the ends of the inclined portions terminating in parallel portions one of which is formed with a claw and the other parallel portion constituting an abutment.

In testimony whereof I have signed my name to this specification.

ERNST WISROTH.