Jan. 6, 1925. 1,522,093

L. BEDNAR

PICK

Filed April 3, 1924

FIG. 1.

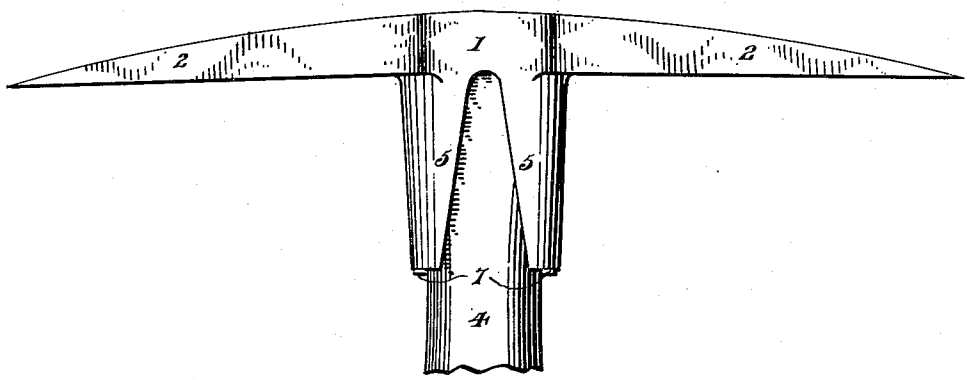


FIG. 2.

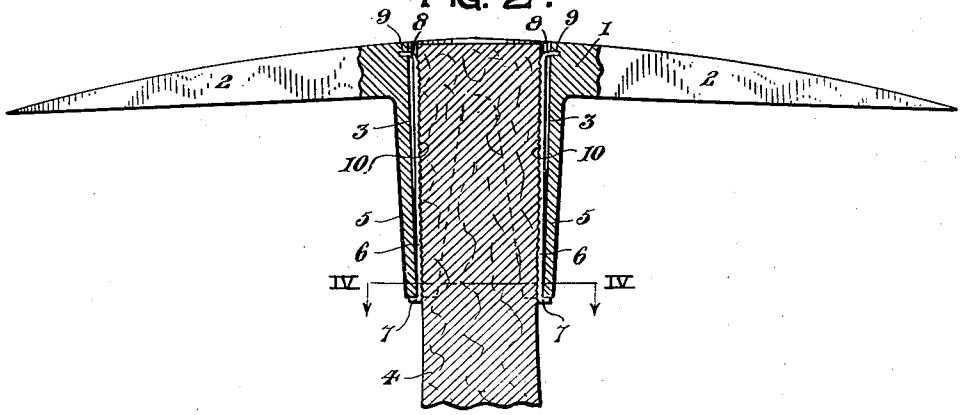


FIG. 3.

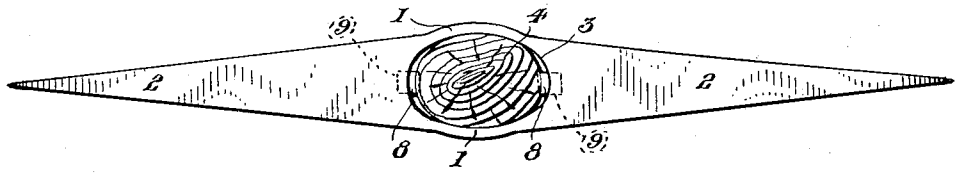


FIG. 4.

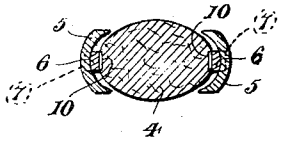
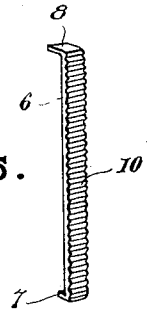


FIG. 5.



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UNITED STATES PATENT OFFICE.

LOUIS BEDNAR, OF WESTVILLE, ILLINOIS.

PICK.

Application filed April 3, 1924. Serial No. 703,955.

To all whom it may concern:

Be it known that I, LOUIS BEDNAR, a citizen of Czechoslovakia, residing at Westville, in the county of Vermilion and State of Illinois, have invented certain new and useful Improvements in Picks, of which the following is a specification.

This invention relates to certain new and useful improvements in picks and particularly to the mounting of the handle in the pick head and has for its primary object to provide a secure mounting for the pick handle to prevent accidental disengagement of the head from the handle.

A further object of the invention is to provide a pick handle mounting wherein a pair of spring clamping arms, having teeth formed thereon are interposed between the cap extensions on the pick head and the adjacent end of the pick handle for securely anchoring the handle in the pick head, the teeth formed on the said arms becoming embedded in the wooden handle when the head is entirely driven home, while the springy nature of the arms will permit them to give outwardly during the driving of the head so that the teeth will not gouge grooves in the handle.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists of the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing, wherein like reference characters designate corresponding parts throughout the several views,

Figure 1 is a fragmentary side elevational view of a pick constructed in accordance with the present invention,

Figure 2 is a fragmentary longitudinal sectional view showing the spring clamps interposed between the strap extensions on the pick head and the anchored end of the pick handle,

Figure 3 is an end elevational view of the pick,

Figure 4 is a cross-sectional view taken on line IV—IV of Fig. 2, and

Figure 5 is a perspective view of one of the spring clamps.

A pick head embodies a central body portion 1 having diametrically opposite extension pick points 2, the body portion 1 of the pick having the usual oval-shaped opening 3 extending therethrough for the mounting of the pick handle 4. The oval-shaped opening 3 slightly tapers coincident to the adjacent tapered end of the pick handle 4 and the body 1 of said pick head adjacent the inner end of each point 2 carries laterally directed strap extensions 5 that are curved in cross-section as illustrated in Fig. 4, the strap extensions being disposed at an inclination corresponding to the taper of the opening 3.

To securely retain the ax handle in the pick head resilient clamp arms 6 are interposed between the strap extensions 5 and the adjacent sides of the pick handle. The lower end of each clamping arm 6 carries an outwardly directed lug 7, while the upper end of the arm carries an outwardly directed finger 8 extending in the same direction as the lug 7, the lug engaging the inner edge of the strap extension 5 while the finger 8 is adapted to enter a socket 9 formed in the wall of the opening 3 as shown in Fig. 2. The face of the clamping arm 6 adjacent the handle 4 is toothed or corrugated as at 10 for biting the handle 4 when the same is driven into position as illustrated, it being noted from an inspection of Fig. 2 that the space formed between the clamping arms 6 and the strap extensions 5 will permit the head to be entirely driven home without having the teeth 10 gouge a groove therein, for the clamping arm will give outwardly and let the handle pass by the teeth until the head is properly seated when the teeth will bite into the wooden handle.

From the above detail description of the device, it is believed that the construction and operation thereof will at once be apparent, and while there is herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

What is claimed as new is:—

1. In a pick, a pick head, a handle having one end secured in the head, and means interposed between the head and handle for anchoring the handle in the head, said means including resilient clamp arms, having corrugated faces engaging the adjacent sides of the handle and engaging the pick head at their ends in a manner to space the intermediate portions of the arms from the

head to permit the arms to give during the driving of the head for preventing the gouging of the wooden handle by the corrugated face of the arm.

2. In a pick, a pick head having a handle receiving opening therein, strap extensions carried by the head at each side of the opening, the walls of the opening and opposed faces of the strap extensions being correspondingly tapered, the walls of the head opening having oppositely disposed sockets therein, a resilient clamp arm at each side of the opening lying in the same plane with the adjacent strap extension, a lug at the inner end of the arm engaging the inner end of the adjacent strap extension, a finger at the outer end of each arm projecting into the adjacent socket with the intermediate portion of the arm spaced from the wall of the opening and strap and a handle having one end confined between the clamping arms.

In testimony whereof I affix my signature.

LOUIS BEDNAR.