

H. MARTINI.

PICK.

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1,049,249.

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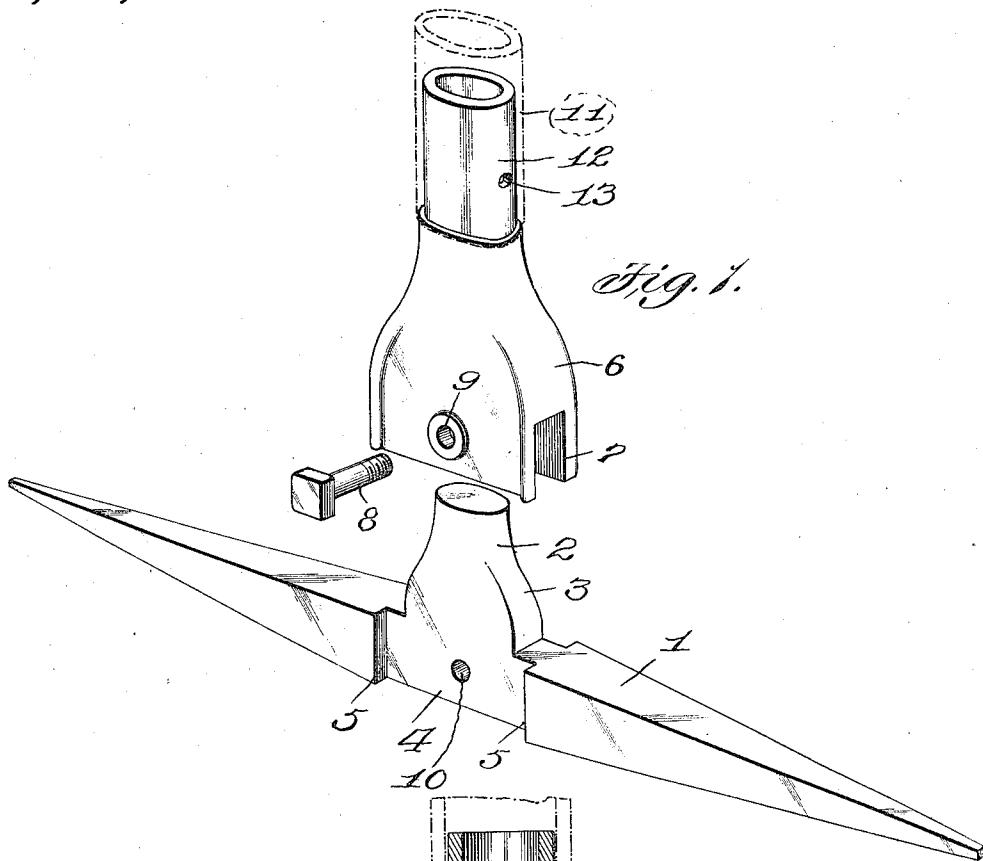


Fig. 1.

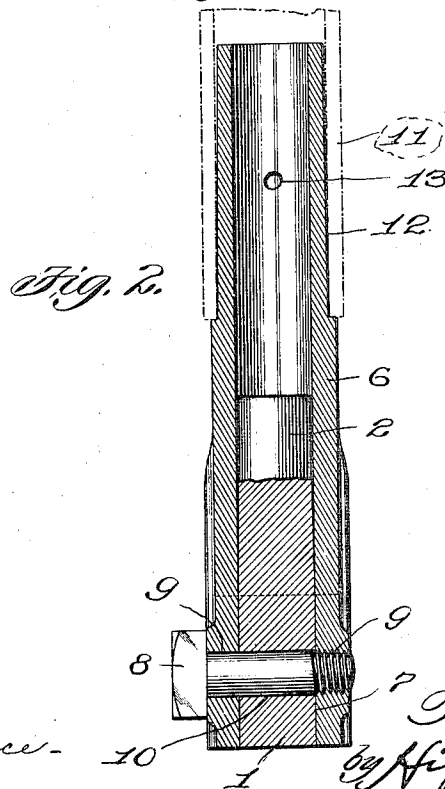


Fig. 2.

Witnesses:
E. L. Wallace.
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UNITED STATES PATENT OFFICE.

HENRY MARTINI, OF GIRARD, ILLINOIS, ASSIGNOR OF ONE-HALF TO DALE A. WOOLLEY, OF GIRARD, ILLINOIS.

PICK.

1,049,249.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY MARTINI, a citizen of the United States, and resident of Girard, Macoupin county, Illinois, have invented certain new and useful Improvements in Picks, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved pick, and consists in the novel construction hereinafter described and pointed out in the annexed claims.

The object of my invention is to provide an improved pick and separable handle therefor especially adapted for miners' use.

A further object of my invention is to provide an improved separable handle and pick in which the construction shall be very strong, cheap and easily adjusted.

Figure 1 is a perspective view of my improved pick and its handle socket, detached from each other; and Fig. 2 is a sectional elevation taken longitudinally through the handle socket, with the parts assembled.

The numeral 1 indicates the pick having centrally of its length an integral stem 2 extending laterally from the pick and tapered from the pick toward the end of said stem. The opposite sides of said stem 2 are provided with flattened portions 3, and formed on opposite sides of the pick are rectangular depressions 4 having opposite abrupt shoulders 5.

The numeral 6 indicates the handle socket, which upon its interior is shaped to correspond with the exterior of said pick stem 2, and to fit snugly thereon when the socket is in position upon the pick. The said socket 6 is provided at its free end with a bifurcation 7, the opposite walls of which snugly fit the opposite depressions 4 of the said pick, and the opposite ends of said walls snugly fitting against said shoulders 5 of the pick when the handle is on the pick.

The bolt 8 is passed through openings 9 in the opposite walls of the bifurcation 7 and through an opening 10 in the pick for the purpose of locking the handle in operative position. The said bolt 8 may, as

shown, have threads on one of its ends which engage threads in one of the walls of said bifurcation, or said bolt may have the usual exterior nut.

The socket 6 may be fitted with any common handle, such as a tube 11 which is shown engaging the exterior of the reduced handle shank 12, but it is obvious that any other form of common handle may be applied to the socket 6. In the present instance the tubular handle 11 is to be secured by means of a rivet, not shown, to be inserted through suitable apertures in the said tubular handle registering with an aperture 13 in the said shank.

The operation of my invention will be clearly apparent upon an inspection of the drawings and therefore need not be described, except to say that the construction provides a detachable handle for picks and other tools which is very highly efficient in use, cheap and simple in construction and operation, and in which the pick may be quickly attached or detached for the well known purposes of sharpening or renewing the pick.

It is obvious that a single handle and socket may be interchangeably used with numerous picks, or other tools having the pick construction above described.

I claim:

The improved pick, comprising a tapered hollow handle-socket having a bifurcation in its end, the walls of which are adapted to engage the opposite depressions in a pick, a pick having opposite depressions in its sides and an integral laterally extending socket-shank tapered to fit within said handle-socket and having the opposite flattened portions, so that the ends of the socket bifurcation walls will fit snugly between opposite shoulders of said pick depressions, and a suitable means for locking the said socket upon said stem.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

HENRY MARTINI.

Witnesses:

E. L. WALLACE,
JOHN C. HIGDON.