

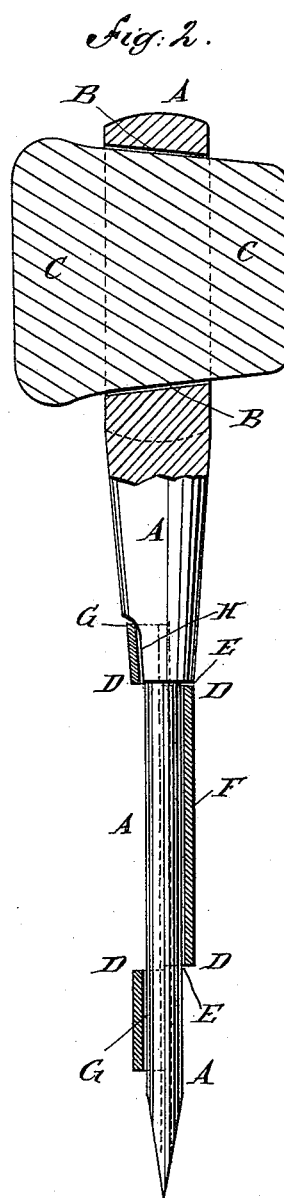
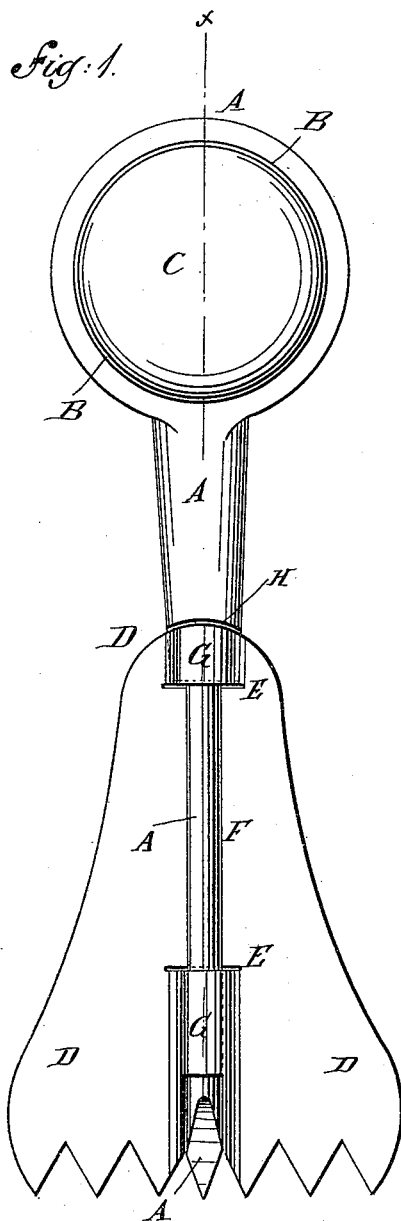
(No Model.)

H. M. DIXON.

COMBINED ICE PICK, CHISEL, AND MALLET.

No. 347,998.

Patented Aug. 24, 1886.



WITNESSES:

Chas. H. Dixon
C. Sedgwick

INVENTOR:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

HENRY M. DIXON, OF NEW YORK, N. Y.

COMBINED ICE PICK, CHISEL, AND MALLET.

SPECIFICATION forming part of Letters Patent No. 347,998, dated August 24, 1886.

Application filed February 9, 1883. Serial No. 191,358. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. DIXON, of the city, county, and State of New York, have invented a new and useful Improvement in a Combined Ice Pick, Chisel, and Mallet, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side view of a combined ice pick, chisel, and mallet. Fig. 2 is a sectional elevation of the same, taken through the line *x x*, Fig. 1.

The object of the invention is to provide combined ice picks, chisels, and mallets constructed in such a manner that they can be conveniently used in either capacity.

The invention consists in the construction and combination of the various parts of the implement, as will be hereinafter fully described.

A represents an ice-pick, which is made with an eye, B, in the outer end of its shank. Into the eye B is fitted a wooden plug, C, to serve as a mallet for crushing lumps of ice.

D is an ice-chisel, which is made with a bell-shaped outline, and has teeth in its lower edge. In the chisel D, at a little distance from its upper and lower ends, are formed cross-slits E. The part of the chisel D between the slits E is bent or struck up from one side to form a semi-tubular groove, F, and the parts of the said chisel between the slits E and its ends are struck up from the other side to form semi-tubular grooves G. The semi-tubular grooves G F G are in line with each other, and together serve as a socket to receive the pick A, the said pick and chisel being made of such

a length that the point of the said pick will serve as the central tooth of the chisel.

The lower end of the shank of the pick A has a rabbet or recess, H, upon one side to form a shoulder to receive the upper groove G, so that the chisel D will be held from turning. The upper edge of the chisel D rests against the shoulder at the upper end of the recess H, and the edge of the said chisel at the upper end of the groove F, rests against the end of the pick-shank, so that the said chisel will be firmly supported, when in use, against upward pressure. With this construction, should an iron mallet be required, the side of the band or ring forming the eye B can be used. With this construction, also, the chisel D can be readily detached when not required for use, and again replaced when needed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the ice-pick A, having an eye, B, in the upper end of its shank, of the wooden plug C, substantially as herein shown and described.

2. The combination, with the ice-pick A, having rabbet H at the lower end of its shank, of the chisel D, having slits E, and semi-tubular grooves G F G, to receive the said ice-pick, substantially as herein shown and described.

3. A combined ice pick, chisel, and mallet, constructed substantially as herein shown and described, and consisting of the pick A, having eye B and rabbet H, the wooden plug C, inserted in the said eye, and the chisel D, having slits E and semi-tubular grooves G F G, to receive the said pick, all as set forth.

HENRY M. DIXON.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.