June 10, 1924.

1,496,888

V. KALINOWSKI

ICE PICK

Filed Nov. 13, 1922

Fig. 1.

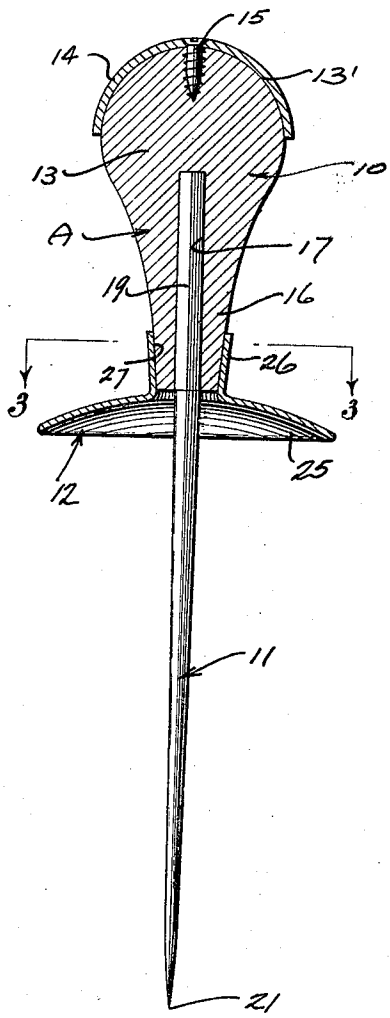


Fig. 2.

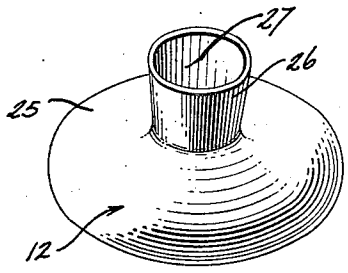
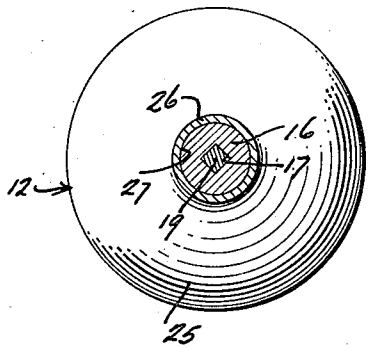


Fig. 3.



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UNITED STATES PATENT OFFICE.

VICTOR KALINOWSKI, OF CHICAGO, ILLINOIS.

ICE PICK.

Application filed November 13, 1922. Serial No. 600,675.

To all whom it may concern:

Be it known that I, VICTOR KALINOWSKI, a citizen of Poland, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Ice Picks, of which the following is a specification.

This invention relates to improvements in ice picks.

The primary object of this invention is the provision of a guard member for ice picks, which will prevent liability of injury to the hands of a person during an ice splitting operation.

A further object of the invention is the provision of a relatively simple kind of ice pick, which is extremely practical, simple in construction, durable, and which may be manufactured at a relatively low cost.

Other objects and advantages of this invention will be apparent during the course of the following detailed description.

In the drawing, forming a part of this specification, and wherein similar reference characters designate corresponding parts throughout the several views,

Figure 1 is a longitudinal cross sectional view taken through the improved ice pick, showing the various details thereof.

Figure 2 is a perspective view of the improved guard member which is the principal part of this invention.

Figure 3 is a transverse cross sectional view taken substantially on the line 3—3 of Figure 1.

In the drawing, wherein for the purpose of illustration is shown but the preferred embodiment of this invention, the letter A generally designates the improved ice pick, which preferably includes the handle 10; pick element 11; and guard member 12.

The handle 10 preferably includes the wooden body portion 13, providing an enlarged arcuate head portion the outer circumference 13′ of which is arcuate in contour, and adapted to receive the metal guard cap 14, which is of semi-spherical formation; the improved guard cap 14 preferably being disposed over the arcuate surface 13′, and attached to the handle body 13 as by screw 15 detachably inserted into the extreme top of the body 13. The shank portion 16 of the wooden body 13 gradually tapers in converging manner toward the end of the handle opposite to the metal guard cap 14. A square or polygonal shaped passageway 17 is preferably provided axially through the wooden handle portion 13 within which the square or polygonal shaped upper end 19 of the pick element 11 is to be fixedly disposed, in any approved manner, against liability of movement therein. The pick element 11 from its juncture with the body 13 of the handle 10 is preferably tapered to a pointed end 21.

Referring to the improved guard member 12, the same is preferably of metallic construction, and includes the concavo-convex or segmental guard portion 25, which is centrally provided with the upstanding outwardly diverging attaching sleeve 26, which provides the tapered opening 27 therein. This guard member 12 is preferably stamped upon a punch-press, of a single piece of material, and is to be assembled over the shank end 16 of the handle construction 10, so that the extrme end of the shank portion 10 is snugly fixed within the tapered opening 27 of the tapered sleeve 26, against liability of movement of the guard 12 upon the handle 10. In this position the guard flange portion 25 of the member 12 extends laterally about the entire circumference of the handle at the juncture of the same with the pick element 11.

From the foregoing description of this invention it is apparent that an ice pick guard has been provided, which may be used in connection with picks of various kinds, for effectively protecting the fingers of a person engaged in splitting, cracking, or scraping ice. In lieu of the pick element 11 a scraper, or any analagous ice engaging blade may be used. It is apparent that the cap 14 prevents liability of injury to the wooden body 13 of the handle construction 10, so that the same may not splinter, as is the case of ordinary ice pick handles of wood material.

Various changes in the shape, size, and arrangement of parts may be made to the form of invention herein shown and described, without departing from the spirit of this invention or the scope of the claim.

I claim:

An ice pick comprising a handle formed of compressible material and having a downwardly tapered lower portion, a picking element embedded longitudinally in said handle and extending from the lower end

thereof, and a guard including a disk having a central unobstructed opening formed therethrough and of sufficient size to receive the lower end of the handle, and a sleeve extending upward from the disk about the edge of the central opening and flaring upwardly and fitting upon the tapered lower end portion of said handle with a tight wedging fit to mount the guard with the disk about the picking element at the lower end of the handle to compress the lower end portion of the handle and protect the handle from splitting.

VICTOR KALINOWSKI.