No. 758,811. PATENTED MAY 3, 1904.

T. J. BALL.

ICE HOOK.

APPLICATION FILED DEC. 21, 1903.

NO MODEL.

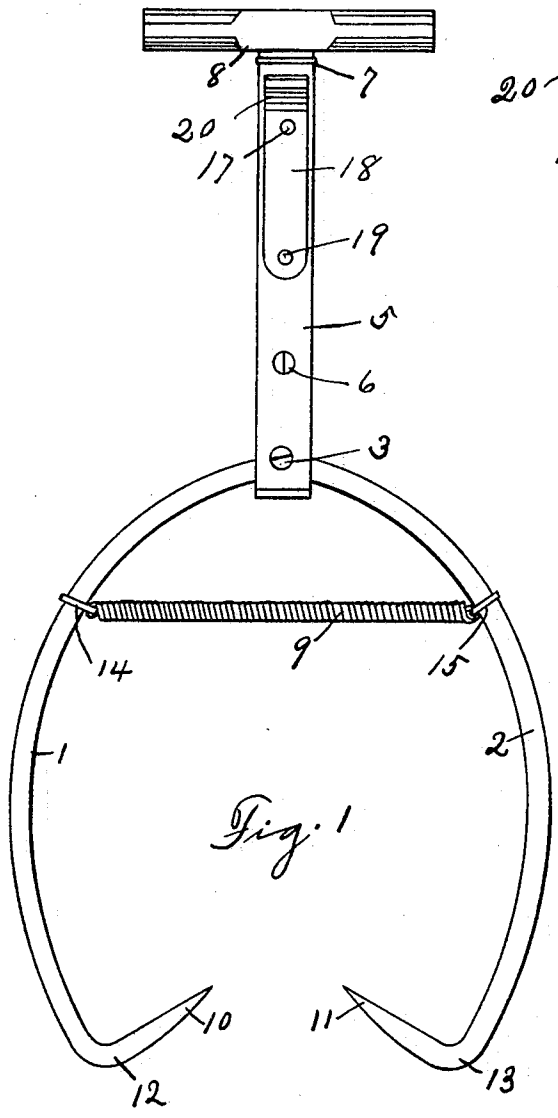


Fig. 1

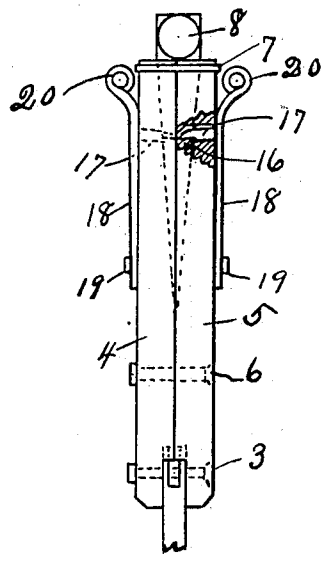


Fig. 2

Witnesses:-

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No. 758,811. Patented May 3, 1904.

UNITED STATES PATENT OFFICE.

THOMAS J. BALL, OF SABINE, TEXAS.

ICE-HOOK.

SPECIFICATION forming part of Letters Patent No. 758,811, dated May 3, 1904.

Application filed December 21, 1903. Serial No. 185,983. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. BALL, a citizen of the United States, residing at Sabine, Texas, have invented certain new and useful Improvements in Ice-Hooks, of which the following is a specification.

This invention relates to ice-tongs, and particularly to a combination-tool; and the object is to provide in one tool tongs for grasping blocks of ice for carrying the ice, a pick for breaking the ice into suitable blocks, and a hammer.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings, which form a part of this application and specification.

Figure 1 is a front elevation of the combined tool. Fig. 2 is an edge view of the same, a part of the handle being broken away to show the supporting-lugs.

Similar characters of reference are used to indicate the same parts in both views.

This invention comprises a pair of arms 1 and 2, pivoted together by a bolt 3, a body portion in two parts 4 and 5, secured together by bolts 3 and 6 and a small band 7, and a combined pick and hammer and handle 8. The arms 1 and 2 are provided with a spiral spring 9 for holding said arms normally in the position illustrated and for causing the points 10 and 11 to pierce the ice sufficiently to support the ice, so that a piece of ice may be grasped and carried without the necessity of operating the arms directly with the hands.

The operation of taking up a piece of ice is simply to place the bends 12 and 13 against the ice and then press on the handle 8. The spring 9 will allow the arms to spread far enough for the points 10 and 11 to engage the ice. The spring 9 will draw the points against the ice with sufficient force to make them pierce the ice enough to support the ice. The points are set at great enough angle to prevent the same from releasing the ice. Bands 14 and 15 are mounted on the arms, and the spring 9 is secured in the bands.

The body portions and all other portions of the combined tool are preferably made of iron or steel. A recess is formed in the body portion to receive the ice-pick 16. The ice-pick and handle is one piece of metal, and the same piece of metal can be used for a hammer. The handle and pick can be held in place by lugs 17, which are carried by springs 18, which springs are attached to the body portions 4 and 5 by suitable screws 19. The springs 18 may be beaded at the ends 20, so that the springs may be pressed apart by the fingers to remove the lugs 17 from the recesses in the pick 16. The pick may be inserted in its recess by simply pressing on the handle 8. The lugs will spring back until the pick is shoved low enough to bring the recesses therein down to the lug.

Various changes may be made in the construction of the ice hooks or tongs without departing from my invention.

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

1. A tool of the character described, comprising a body portion composed of two parts bolted together and adapted to carry an ice-pick and a pair of spring-pressed arms pivotally connected to each other and pivotally supported in said body portion.

2. In a tool of the character described the combination of a body portion, a pick inserted in said body portion and serving as a handle for said tool, spring-pressed lugs for holding said pick in said body portion, and a pair of spring-pressed arms pivotally connected to said body portion.

3. In a tool of the character described the combination of a recessed body portion, a pick inserted in said recess and serving as a handle for the tool, said pick having recesses therein, springs attached to said body portion, and carrying lugs adapted to engage said pick, and a pair of spring-pressed arms, pivotally connected together and pivotally supported in the lower end of said body portion.

In testimony whereof I set my hand, in the presence of two witnesses, this 14th day of December, 1903.

THOMAS J. BALL.

Witnesses:
E. D. HASTINGS,
J. J. F. GILLILAND.