No. 608,848. Patented Aug. 9, 1898.

I. L. EDWARDS.

ICE TONGS.

(Application filed Mar. 21, 1898.)

(No Model.)

Fig. 1.

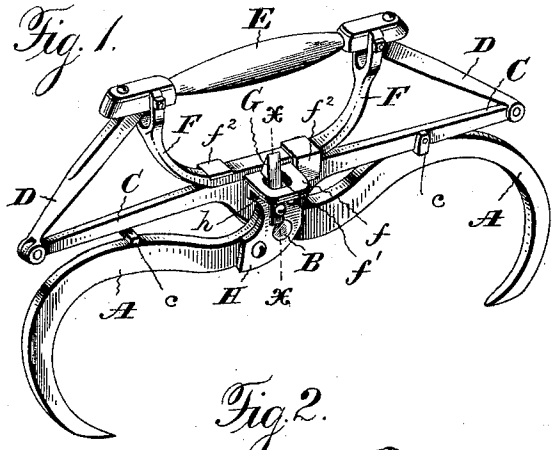


Fig. 2.

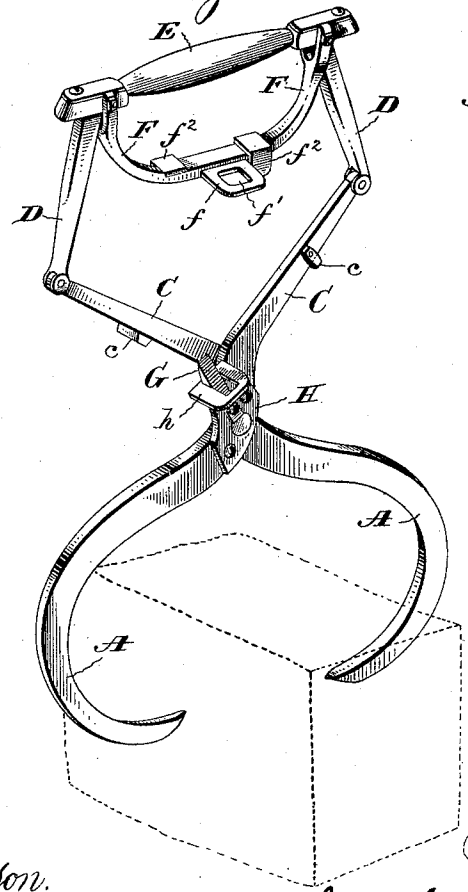
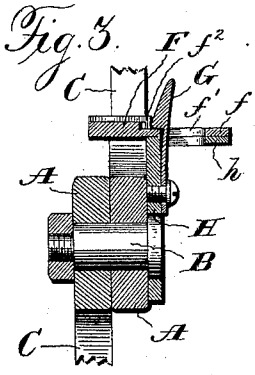


Fig. 3.



Witnesses:
Jas. E. Hutchinson.
Henry C. Hazard.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ISAAC L. EDWARDS, OF AURORA, ILLINOIS.

ICE-TONGS.

SPECIFICATION forming part of Letters Patent No. 608,848, dated August 9, 1898.

Application filed March 21, 1898. Serial No. 674,698. (No model.)

To all whom it may concern:

Be it known that I, ISAAC L. EDWARDS, of Aurora, in the county of Kane, and in the State of Illinois, have invented certain new and useful Improvements in Ice-Tongs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my tongs latched in their open position; Fig. 2, a like view of the same closed, and Fig. 3 a detail view in section through the latch device.

Letters of like name and kind refer to like parts in each of the figures.

The object of my invention is to provide an improved construction of tongs for handling ice, whereby they may be more conveniently and efficiently used; and to this end said invention consists in the tongs having the features of construction substantially as hereinafter specified.

In the carrying of my invention into practice I employ a pair of curved jaws A and A, of usual shape, pivotally connected together by a pin B. From each jaw there is a straight prolongation or extension C, to the free end of which is pivoted or hinged one end of a bar D, whose other end is pivoted at the end of a grip or handle bar E. The latter, it will be seen, connects the two bars D and D, and as the latter are respectively connected to the two jaws the jaws may be opened and closed by the movement of the handle-bar to and from the pivot B.

Attached at its ends to and depending from the handle E is a substantially semicircular-shaped bar F, that at its lowest part has a lateral extension *f*, having a hole or opening *f'*, through which is adapted to pass and engage a side of the opening a spring-latch hook G, that is fastened to one of the jaws A near the pivot B. Said jaw has attached to it a plate H, having a lateral extension *h*, corresponding with the extension *f*, and the two abut when the latch engages the latter, so as to afford a solid or firm bearing to insure the secure fastening of the latch-hook. The free end of the latch-hook extends toward the handle E and is in such position when the latch-hook engages the plate *f* that the forefinger of the hand gripping the handle E may readily be pressed against said end to disengage the hook, and thus free the jaws, which are in their open position when the hook engages the plate *f*.

Projecting from opposite sides of the bar F are two lugs f^2 and f^2, that respectively are adapted to overlap the outer sides of the jaw extensions C and C and prevent lateral movement of the jaws, and on each of said extensions is a lug *c* to engage the opposite jaw to stop the same when moved to fully open position.

The under surface of the ice-engaging end of each jaw is rounded, so as to afford a smooth pivot-like surface to enter the ice.

It is apparent that but one hand need be used to handle my tongs, and besides the advantage of facilitating grappling the block of ice, secured by locking the jaws in open position, there is the further advantage that the sharp end of the jaw can be used as a means to scratch or mark the ice to form a cutting-guide.

Having thus described my invention, what I claim is—

1. The combination of a pair of jaws pivoted together, having each an extension, a handle-bar, pivotal connections between the latter and each jaw extension, a spring-latch on one of the jaws, and a part connected to the handle to coöperate with the latch, substantially as and for the purpose specified.

2. The combination of a pair of jaws pivoted together, having each an extension, a handle-bar, pivotal connections between the latter and each jaw extension, a spring-latch on a jaw, and a bar attached to the handle, having a lateral extension to be engaged by the latch, substantially as and for the purpose described.

3. The combination of a pair of jaws pivoted together, having each an extension, a handle-bar, pivotal connections between the latter and each jaw extension, a spring-latch

on one of the jaws, a bar attached to the handle having a lateral extension, to be engaged by the latch, a like lateral extension on the latch-carrying jaw, and lugs on said bar to engage the outer sides of the two jaw extensions, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of March, 1898.

ISAAC L. EDWARDS.

Witnesses:
HARRY SMALL,
E. T. PRINDLE.