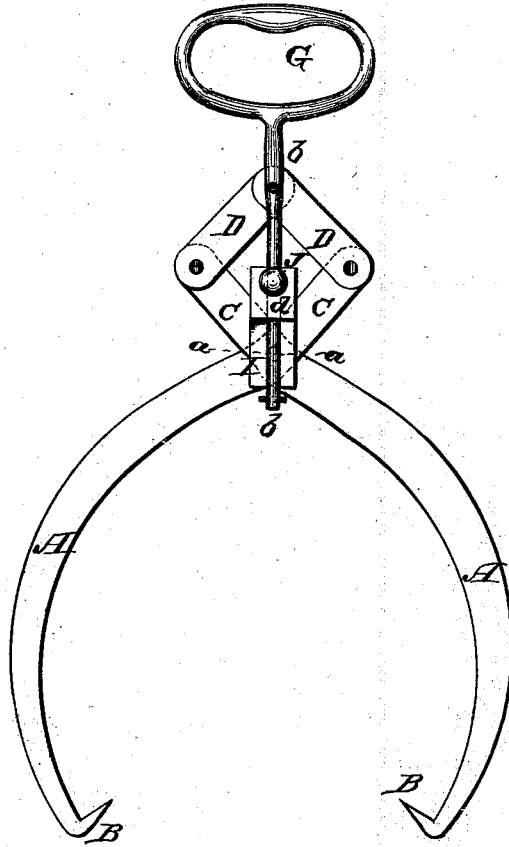


P. EULER.  
ICE-TONGS.

No. 187,609.

Patented Feb. 20, 1877.



Witnesses:

*F. C. Dietrich*  
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# UNITED STATES PATENT OFFICE.

PETER EULER, OF TROY, NEW YORK.

## IMPROVEMENT IN ICE-TONGS.

Specification forming part of Letters Patent No. 187,609, dated February 20, 1877; application filed January 31, 1877.

*To all whom it may concern:*

Be it known that I, PETER EULER, of Troy, in the county of Rensselaer and State of New York, 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, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a pair of ice-tongs, or tongs for grappling and hoisting or lifting any desired articles, as will be hereinafter more fully set forth.

The annexed drawing, which fully illustrates my invention, represents a side view of the same.

A A represent two bowed or curved arms, pivoted together at *a*, and provided at their lower ends with jaws or prongs B B, of any suitable form or shape, to grasp or grapple the article intended.

Above the pivot *a* the arms A A form handles or levers C C, crossing each other, as shown, and to the upper ends of these levers are pivoted two links, D D, the upper ends of which are pivoted together to a shank, *b*, projecting downward from the handle G, the parts together forming a toggle-joint for operating the arms of the tongs.

The handle-shank *b* passes through a guide or projection, *d*, attached to or formed on a bar or strap, I, which is pivoted to the tongs

by the pivot *a*. From this guide or projection extends a knob or handle, J, as shown.

These tongs are operated by holding them with the handle G and striking them down upon the block of ice, when the toggle-joint spreads so as to open the arms and allow the jaws B to take hold of the ice. Then, by raising the tongs the ice is lifted by them, and the heavier the ice is the closer the tongs hold it.

By taking hold of the knob or handle J with the left hand, while the right hand has hold of the handle G, the arms A A can be opened easily and guided so that the jaws B can take proper hold of the ice.

These tongs may be used for hoisting or lifting other articles as well as ice, the jaws or prongs B being, however, properly shaped to suit the purpose for which the tongs may be intended.

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

In ice or hoisting tongs, the handle G, levers C D, the top levers D pivoted to the handle, pivoted bar I, with a stand, *b*, extending below said bar, guide *d*, and the knob J, combined and constructed substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER EULER.

Witnesses:

WM. B. UPPERMAN,  
FRANK H. DUFFY.