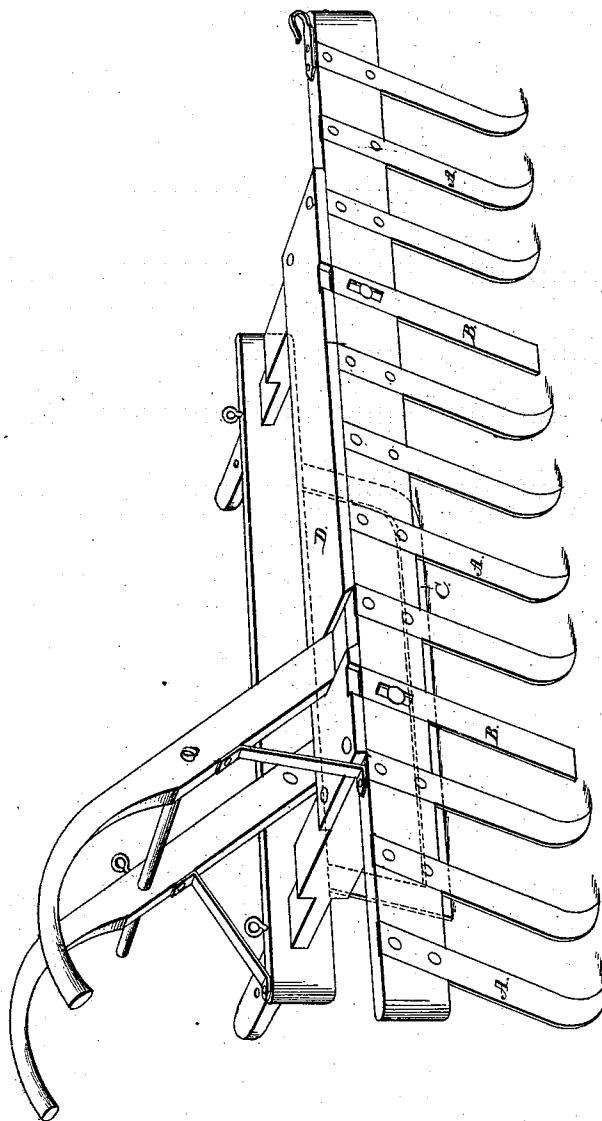


J. M. RUSSELL.

ICE CUTTING MACHINE.

No. 185,354.

Patented Dec. 12, 1876.



Attest:

Edgar Russell  
W. W. Mott

Inventor:

J. Murray Russell.

# UNITED STATES PATENT OFFICE.

J. MURAT RUSSELL, OF POTTER'S HOLLOW, NEW YORK.

## IMPROVEMENT IN ICE-CUTTING MACHINES.

Specification forming part of Letters Patent No. **185,354**, dated December 12, 1876; application filed October 9, 1876.

*To all whom it may concern:*

Be it known that I, J. MURAT RUSSELL, of Potter's Hollow, Albany county, State of New York, have invented a new and useful Ice-Cutting Machine, which is set forth in the following specification, reference being had to the accompanying drawing.

The object of my invention is to produce a machine adapted to the wants of the masses, who have hitherto been deprived by the uniformly high price at which ice-cutting machines have been sold. This machine will supply the want so long felt, of a reliable machine at a price not to exceed the sum of twenty dollars, and therefore come within the means of the masses.

The cutting-blades (marked A, as represented in the drawing) are ten in number, and so perfectly adjusted that each blade will do its precise proportion of the work. The

gage-plates, (marked B,) two in number, are so arranged as to govern the depth of the cutting, and may be set according to the power attached, so as to cut from one to six inches deep.

The plate or runner (marked C, and attached by cross-bars to the cutting-beam on a sliding bar) governs the size of the cake of ice. The platform, (marked D,) attached on the top of the cutting-bar, forms the seat for the driver or man who works the machine.

What I claim as my invention is—

The combination, with an ice-cutting machine, of the adjustable gage C and the vertically-adjustable gages B, substantially as and for the purpose described.

J. MURAT RUSSELL.

Witnesses:

EDGAR RUSSELL,  
W. D. MOTT.