

J. D. FREEMAN.
Ice-Shaving Machines.

No. 141,553.

Patented August 5, 1873.

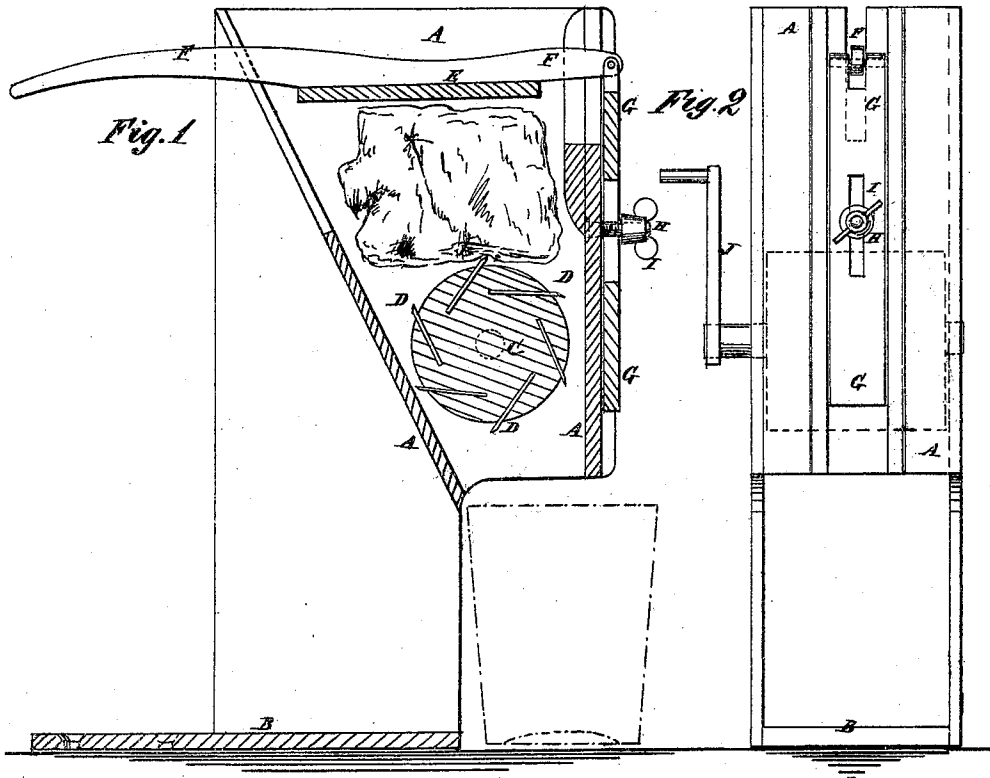
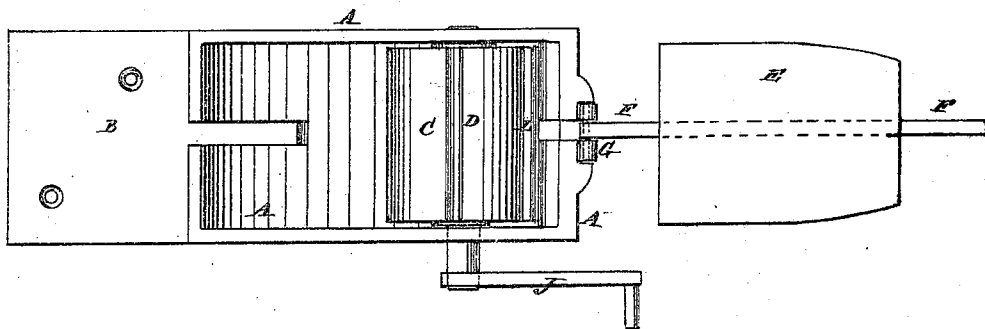


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES D. FREEMAN, OF ABBEVILLE, ALABAMA, ASSIGNOR TO HIMSELF
AND JAMES GILLESPIE, OF SAME PLACE.

IMPROVEMENT IN ICE-SHAVING MACHINES.

Specification forming part of Letters Patent No. **141,553**, dated August 5, 1873; application filed
June 28, 1873.

To all whom it may concern:

Be it known that I, JAMES D. FREEMAN, of Abbeville, in the county of Henry and State of Alabama, have invented a new and useful Improvement in Ice-Shaving Machine, of which the following is a specification:

Figure 1 is a vertical section of my improved machine. Fig. 2 is a front view of the same. Fig. 3 is a top view of the same, the holding-lever and plate being turned back.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved machine for attachment to the counter in soda-water and other saloons for shaving the ice, and which shall be simple in construction, convenient in use, and rapid in operation.

The invention consists in the combination of the hopper, the base-plate, the knife-cylinder, the crank, the holding-plate, the lever, the adjusting-plate, and the clamp with each other, as hereinafter fully described.

A represents the hopper to receive the ice, the side parts of which descend below the bottom of the hopper and are attached to the side edges of the base-plate B, which is designed to rest upon and be secured to the counter. The forward parts of the downwardly-projecting sides of the hopper A are cut away to allow a tumbler to be placed beneath said hopper to receive the shaved ice. In the lower part of the hopper A is placed a small cylinder, C, to which are secured a number of knives or cutters, D. The journals of the cylinder C revolve in bearings in the

sides of the hopper A, and one of said journals projects, and to it is attached the crank J by which the machine is operated.

The piece or lump of ice is placed in the hopper A, rests upon the cylinder C, and is held down by the plate E, which is placed upon it, and which is attached to the lever F. The lever F passes through slots in the front and rear sides of the hopper A, and its forward end is pivoted to a plate, G, which slides up and down in a groove formed by guide-cleats attached to the forward side of said hopper. The plate G is slotted to receive the bolt H attached to the hopper A, and which is provided with a hand-nut, I, so that by loosening the said hand-nut the plate G may be raised and lowered to adjust the position of the lever F and plate E, according to the size of the piece of ice to be operated upon. The rear end of the lever F projects so that the operator can grasp it in one hand to hold the ice down with the requisite pressure while he operates the crank J with the other hand to shave the ice.

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

The combination of the hoppers A, base-plate B, knife-cylinder C D, crank J, holding-plate E, lever F, adjusting-plate G, and clamp H I with each other, substantially as herein shown and described.

JAMES D. FREEMAN.

Witnesses:

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