

J. Gerrill,

Ice Shaver.

N^o 62,075.

Patented Feb. 12, 1867.

Fig. 1

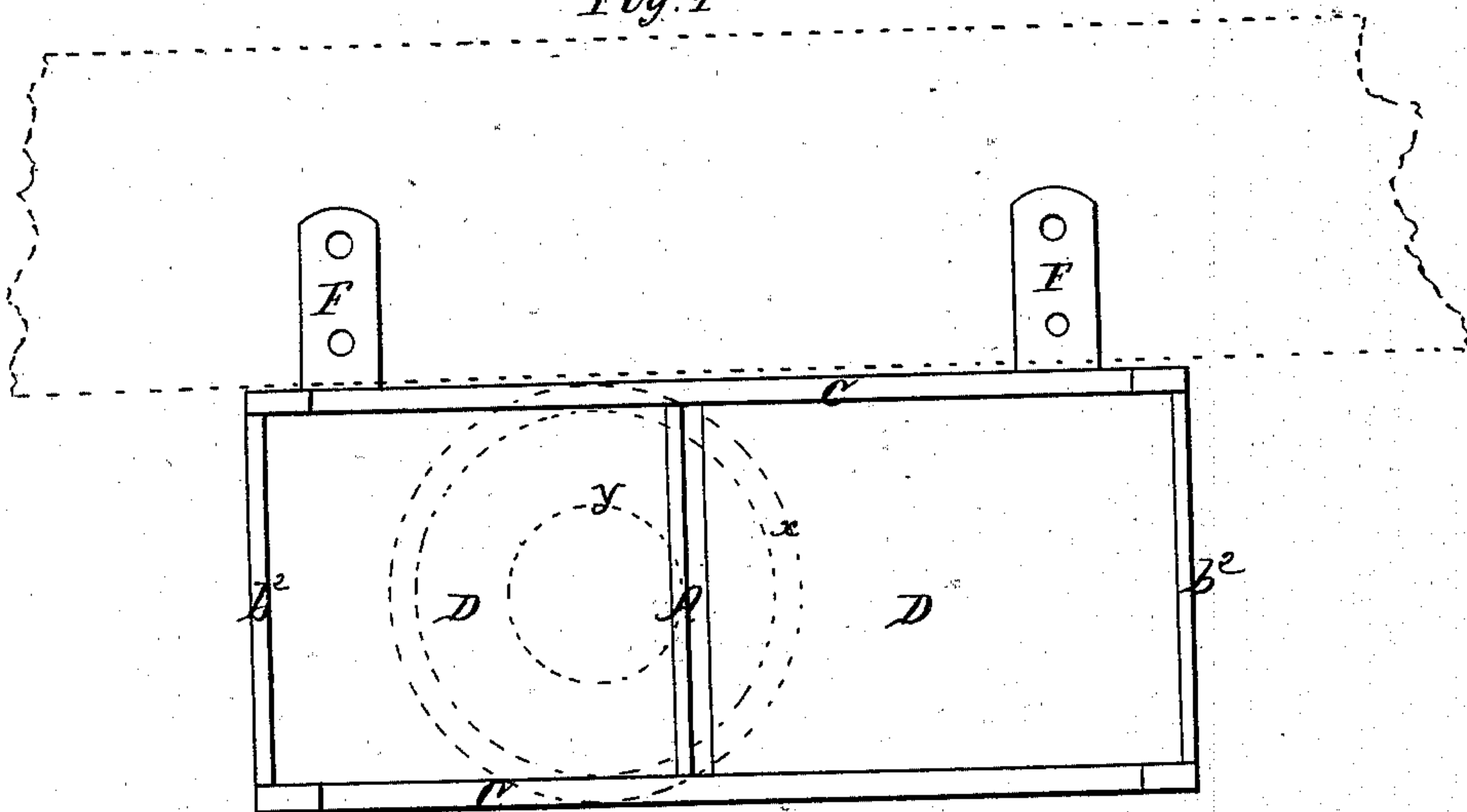
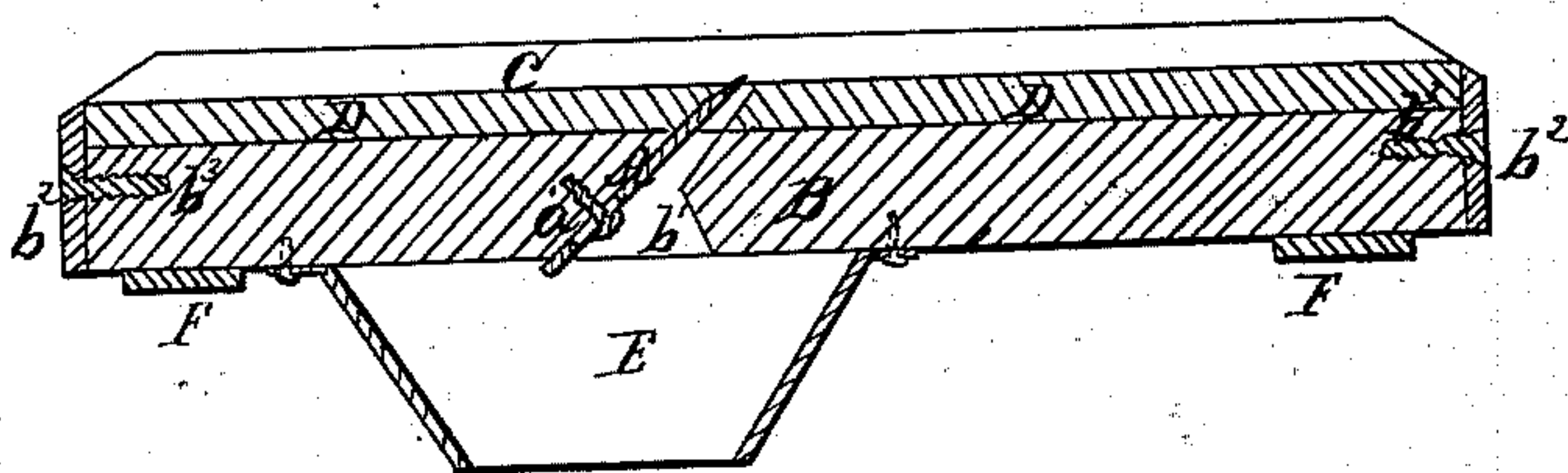


Fig. 2



Witnesses

Benjamin

Wm. A. Morrison

Inventor

James Gerrill

United States Patent Office.

JAMES SERRILL, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 62,075, dated February 12, 1867.

IMPROVED ICE-PLANER OR CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES SERRILL, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Ice-Cutter or Planer, for hotel keepers, druggists, and other retailers of beverages; and I do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plane view; and

Figure 2 a vertical longitudinal section of the same—

Like letters of reference indicating the same parts when on the different figures.

The nature of my invention consists in the arrangement and combination of an adjustable cutting-knife, a supporting block, provided with guides and incorrodible surface-plates on its upper side, and a tunnel or spout on its under side, as hereinafter described and set forth, whereby a lump of ice can be readily and quickly reduced and discharged through the tunnel or spout in a pulverized or snow-like pure condition, by simply moving the said lump of ice, by hand, backward and forward upon the same.

In the drawings, A is the cutting-knife; B the supporting block; C C the guides; D D the incorrodible plates, and E the tunnel or spout. The knife A is arranged in a sloping position in a mortise, b^1 , made across and through the block B, like the throat of a plane, and is adjustably secured therein by means of slots and set-screws, a' , (see fig. 2.) Each side edge of the block B has a fixed, raised portion, which is grooved longitudinally on the inner side, and form, together, the guides C C, for the purpose of receiving the two side edges of the plates D D, and affording also means for keeping the lump of ice on the block in moving the latter backward and forward. The plates D D are made of porcelain, glass, or other suitable material, and are slipped into the grooves in the guides C C, so as to rest firmly upon the block B, one plate on each side of the knife edge A, and kept securely in place by means of end-pieces, $b^2 b^2$, which are adjustably secured to the block B by means of set-screws, $b^3 b^3$, (see fig. 2.) The tunnel or spout E is a hollow, conical portion, made of sheet zinc or tin, and is secured to the under side of the block B, with its smaller end downward, so as to form a delivery spout, which will enter the mouth of a common drinking tumbler when the latter is applied accordingly. A plane view of this tunnel or spout is also indicated by the dotted lines $x y$ in fig. 1. F F are two lugs projecting horizontally from one side of the block B, whereby the whole device is intended to be fastened to a shelf or other projection, as indicated by the faint lines, fig. 1. A hole for the spout E, if made through the top of a table or counter of a bar, will hold the device securely for use. When secured in position, and the knife A adjusted to cut or shave the ice to the required fineness, the operator places a lump of the latter upon the cutter, and with one hand thereon, moves the ice backward and forward across the cutting edge of the knife, while with the other hand he holds the drinking tumbler close up around the tunnel or spout E, and thus, in a moment or two, supplies the tumbler with the required quantity of pulverized or snow-like ice.

This is a device that has been very much needed by hotel keepers and druggists, especially in preparing cooling beverages in hot weather, as it is always ready at hand, can be used with the greatest facility, and is entirely safe and effective for the purpose.

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

An ice-cutter or planer, consisting of the adjustable cutting-knife A, supporting block B, guides C C, incorrodible surface-plates D D, and the tunnel or spout E, arranged and combined together as described, as an improved article of manufacture for the purpose specified.

JAMES SERRILL.

Witnesses:

BENJ. MORISON,

WM. H. MORISON.