

(No Model.)

2 Sheets—Sheet 1.

G. J. HARRER.

REFRIGERATOR.

No. 258,752.

Patented May 30, 1882.

Fig. 1.

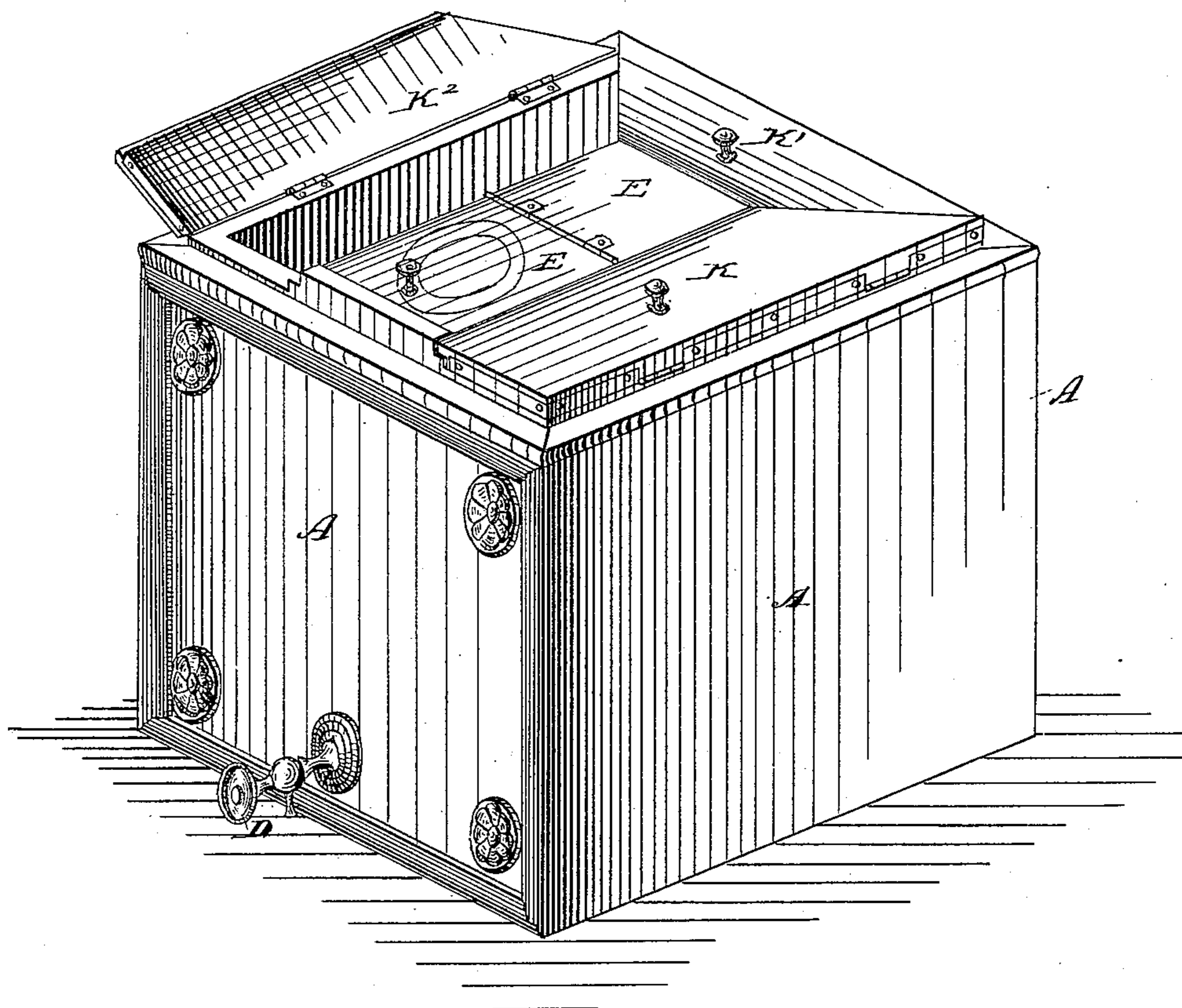


Fig. 4.

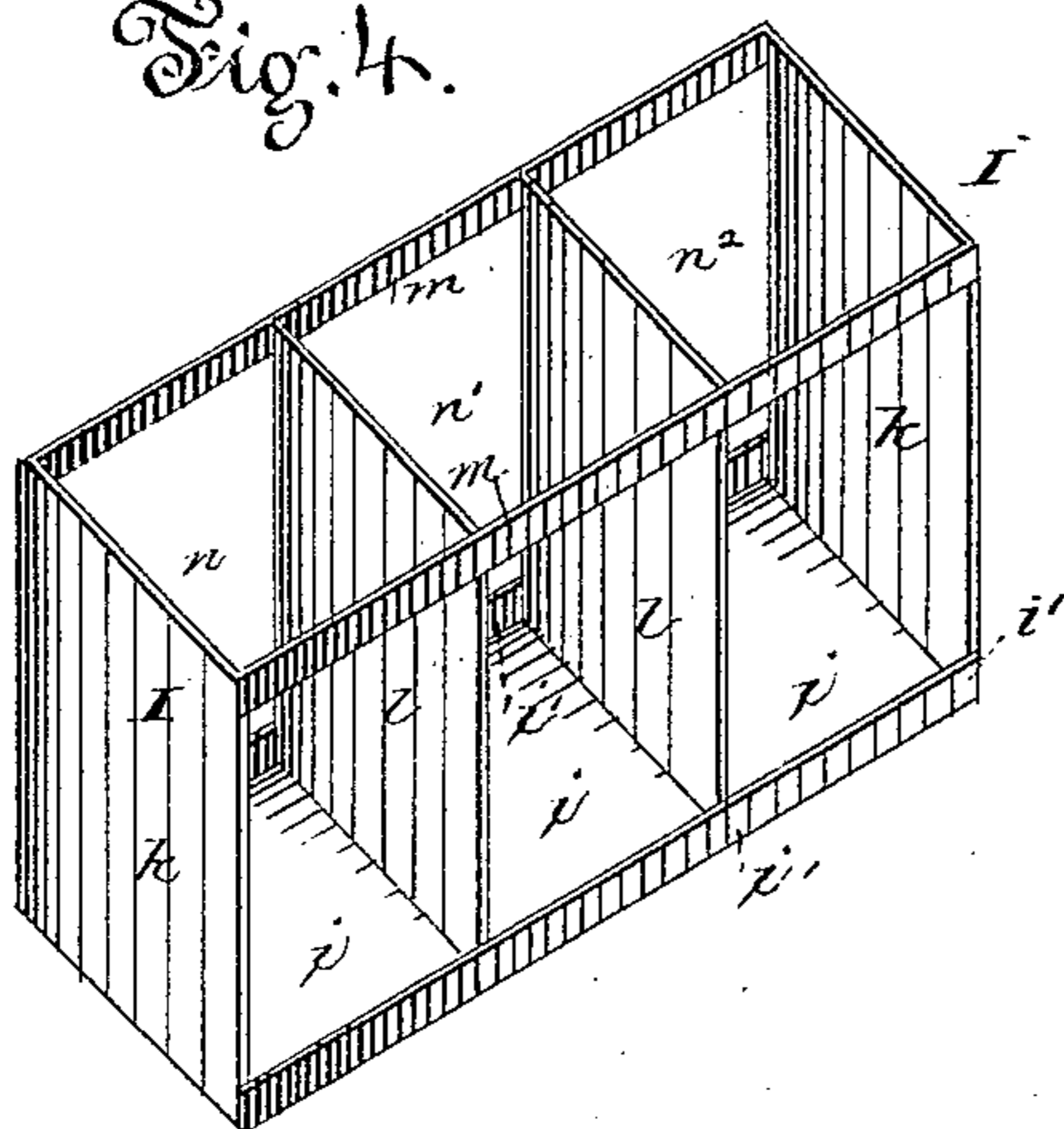
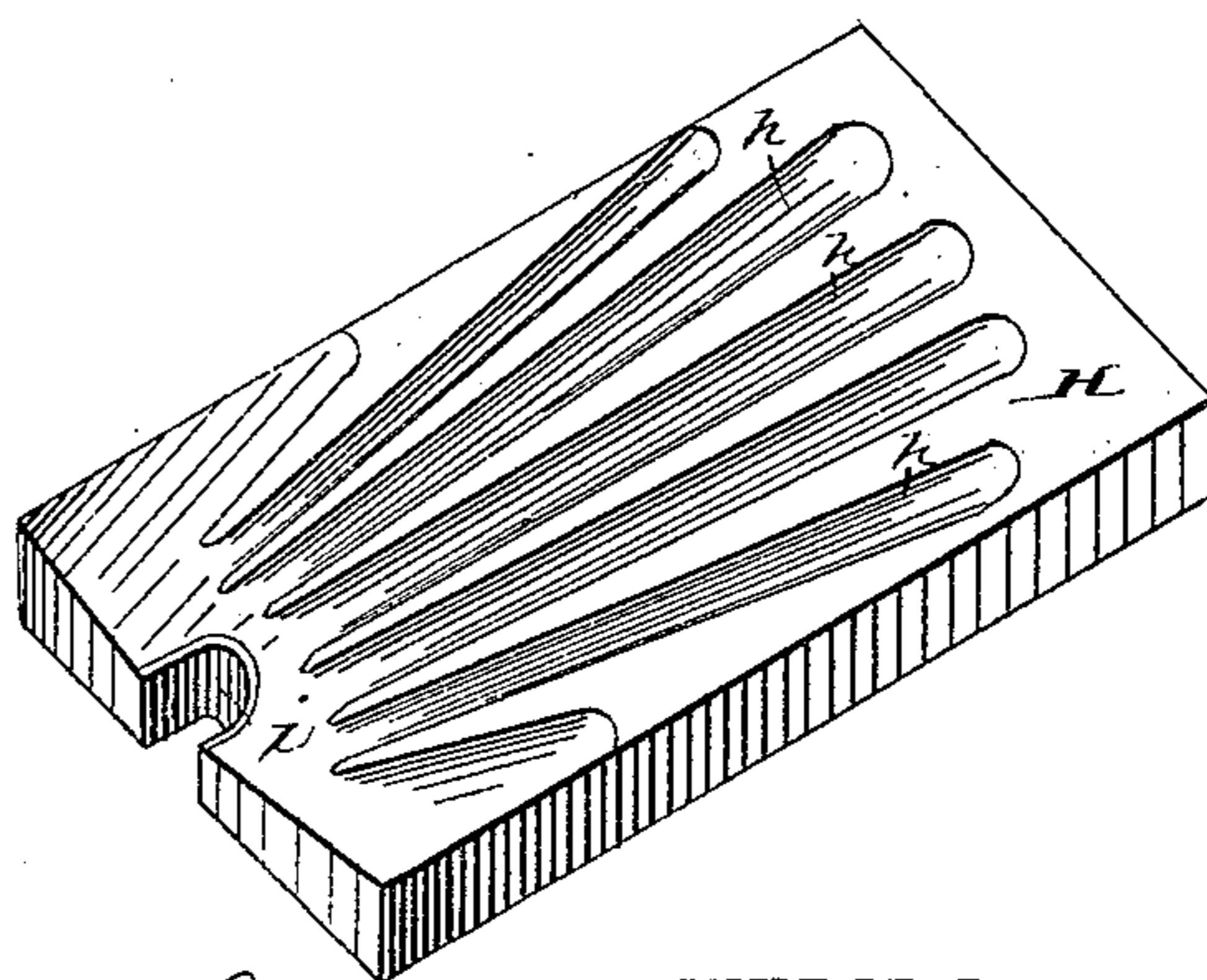


Fig. 5.



WITNESSES :

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Fred. H. Dieterich.
Wm. Mollerter.

INVENTOR.

INVENTOR.
Gus Julius Harser
by Louis Bagger & Co.
ATTORNEYS.

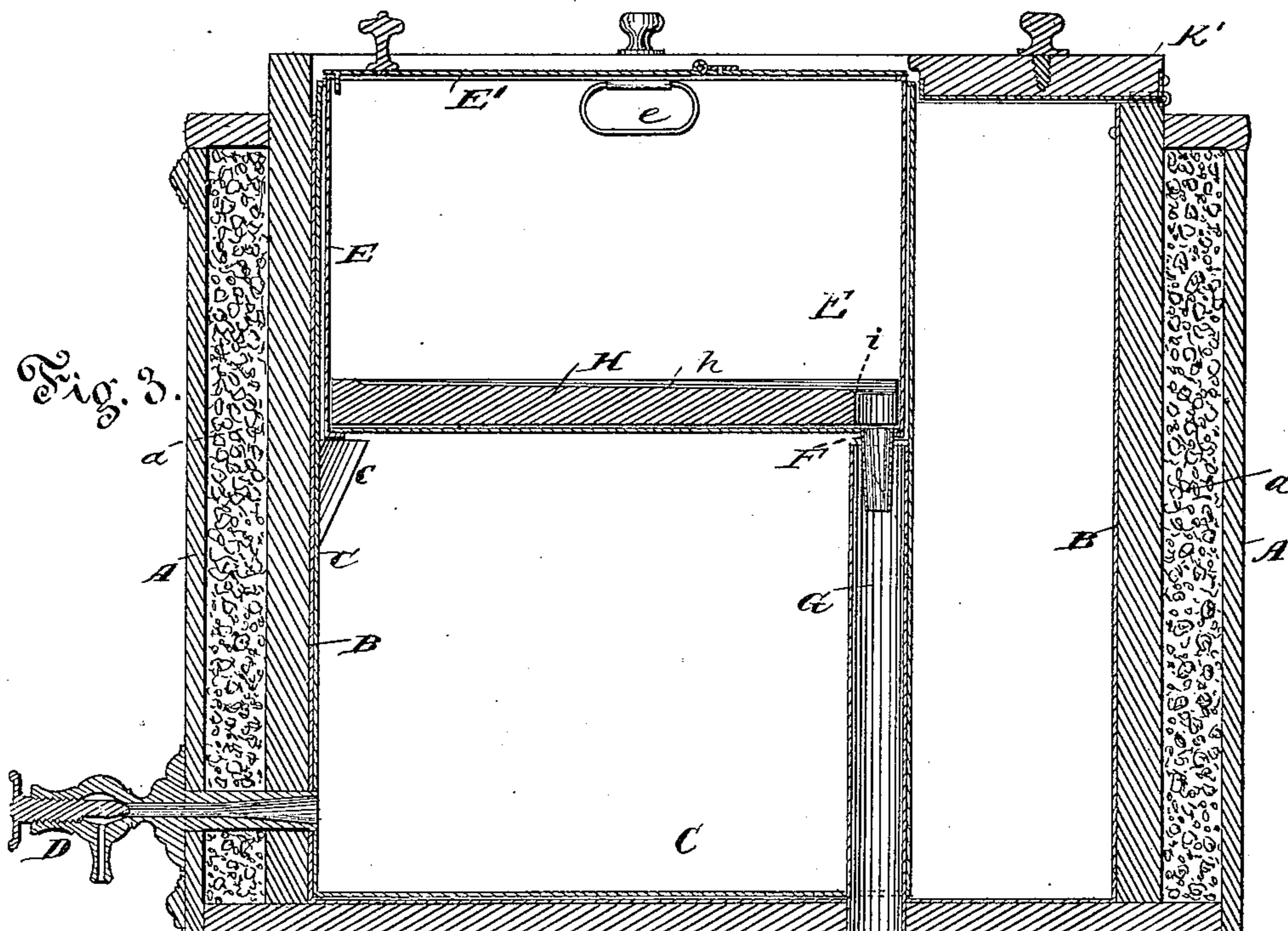
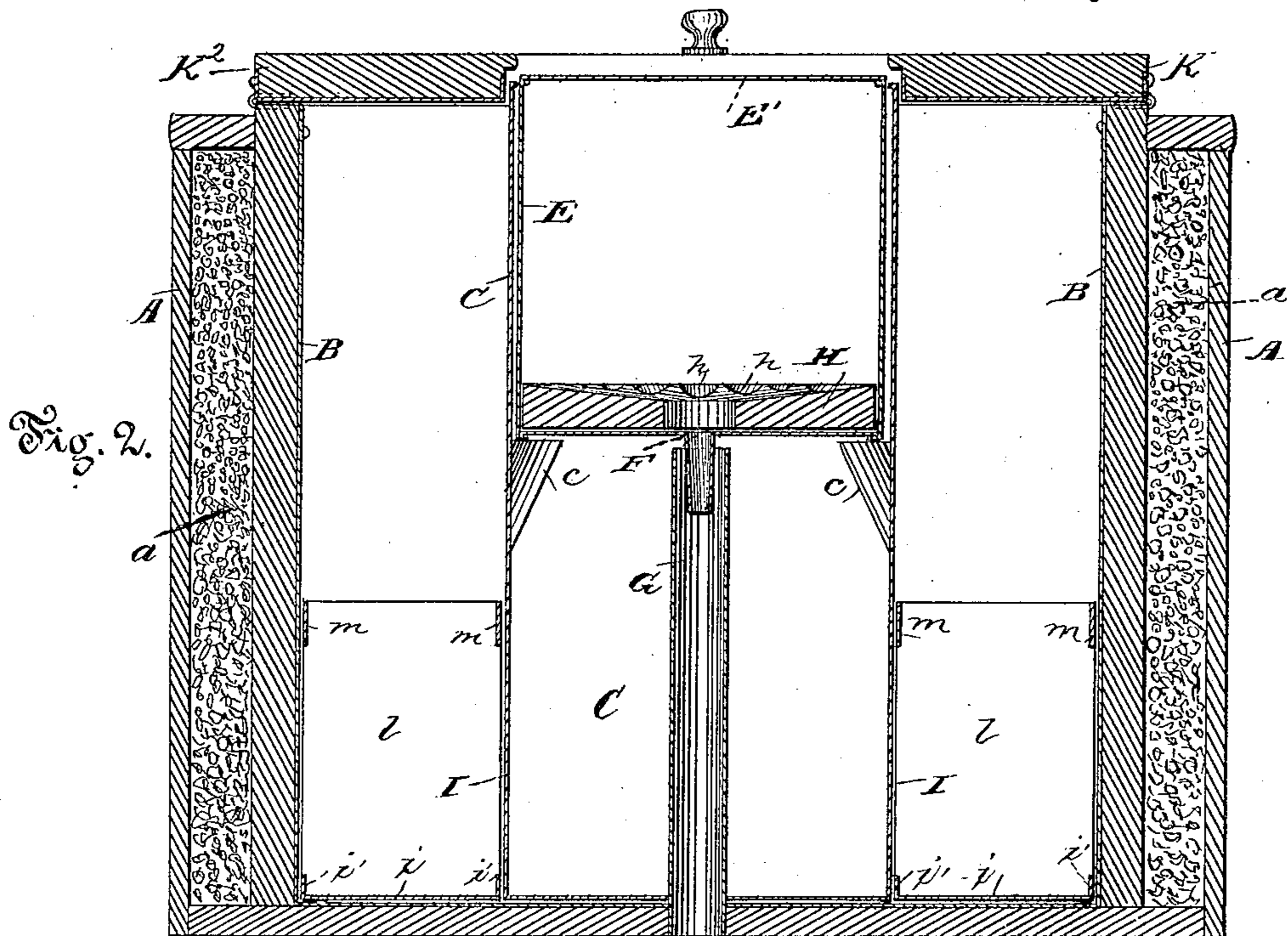
(No Model.)

2 Sheets—Sheet 2.

G. J. HARRER.
REFRIGERATOR.

No. 258,752.

Patented May 30, 1882.



WITNESSES:

Fred. G. Dietrich
Wm. Moller

INVENTOR.

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UNITED STATES PATENT OFFICE.

GUS J. HARRER, OF LOUISVILLE, KENTUCKY.

REFRIGERATOR.

SPECIFICATION forming part of Letters Patent No. 258,752, dated May 30, 1882.

Application filed April 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, GUS J. HARRER, of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Refrigerators; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved refrigerator with one of its lids open. Fig. 2 is a vertical cross section of the same. Fig. 3 is a sectional view at right angles to the view shown in Fig. 2. Fig. 4 is a perspective detail view of one of the detachable bottle-racks, and Fig. 5 is a perspective view of the detachable ice-chipping block or board.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to refrigerators adapted to hold bottles containing liquors for the use of saloon-keepers and others; and my improvement consists in the detailed construction and combination of parts, as will be hereinafter more fully described and claimed.

In the accompanying drawings of my improved bottle-refrigerator and water-cooler I have shown a box or outside casing, A, which in the present example is twenty-four by twenty-four inches square, fifteen inches deep inside, or capable of holding fourteen bottles. The casing A has double walls, and may also have a double bottom, with the space between packed with charcoal, rice-hulls, or any other suitable non-conductor of heat, as shown in the sectional views at *a*, and has a lining of zinc or copper, B, on the inside. Placed in the middle of the box, but impinging or abutting against its front side, is a sheet-metal box, C, having a faucet, D, and brackets *c c* in its corners for the support of the removable ice-box E, which is inserted into the top part of C. Ice-box E has a hinged cover, E', which should fit perfectly air-tight, and hinged bails or ears *e*, by which it may be lifted up and out of box C. It also has a spout, F, in the bottom,

which projects down into a vertical pipe, G, that runs up through chamber C, and is for drawing off the water from the ice. In the bottom of box E is placed a detachable board, H, of such a shape that it will fit snugly in the box, and having grooves *h h* on its upper side or face, which converge toward a slot, *i*, at one end to permit the water from the melting ice to be drawn off from the board and run down through the spout F and waste-pipe G. Board H should be of such a thickness that ice may be chipped upon it without injury to the bottom of the box, and by taking out the board the box can readily be cleaned when desired.

On each side of the chamber C is placed a detachable bottle-rack, I, the construction of which will be better understood by reference to Fig. 4 of the drawings, from which it will be seen that it consists of a sheet-metal plate or bottom, *i*, having its sides turned up to form flanges *i' i'*, and provided with end pieces, *k k*, between which are placed the partitions *l l*. The end pieces, *k k*, and partitions *l l* are connected by straps or bands *m* of sheet metal, one on each side, each rack thus forming three open compartments (designated by the letters *n*, *n'*, and *n''*) for the reception of bottles. By this construction of the racks with open sides they are easily cleaned, and there is no place for the accumulation of dirt. The liquor-bottles are disposed in the rack-compartments and in the open space back of the central chamber, C, which, below the ice-box E, is filled with drinking-water, that may be drawn off through the faucet D. The cover of the refrigerator-box A is made in three sections, K, K', and K'', impinging with their inner edges upon the ice-box E, the covers being rabbeted, so as to overlap the edges of the box, with which they form a close and air-tight joint. Thus any one of the covers may be opened without disturbing the rest, only that particular lid or cover being opened which is over the bottles that are to be withdrawn from the box.

I claim and desire to secure by Letters Patent of the United States—

The refrigerating-box A, having the sectional cover K, K', and K'', arranged as described,

and provided with the central chamber or compartment, C, having faucet D, waste-pipe G, and brackets *c c*, detachable ice-box E, having drain-spout F, and detachable chipping-board
5 H, and detachable side racks, I, all constructed and combined substantially as and for the purpose herein shown and described.

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

GUS JULIOUS HARRER.

Witnesses:

GEO. L. EVERBACH,
FRED. SCHMIDT.