

No. 681,056.

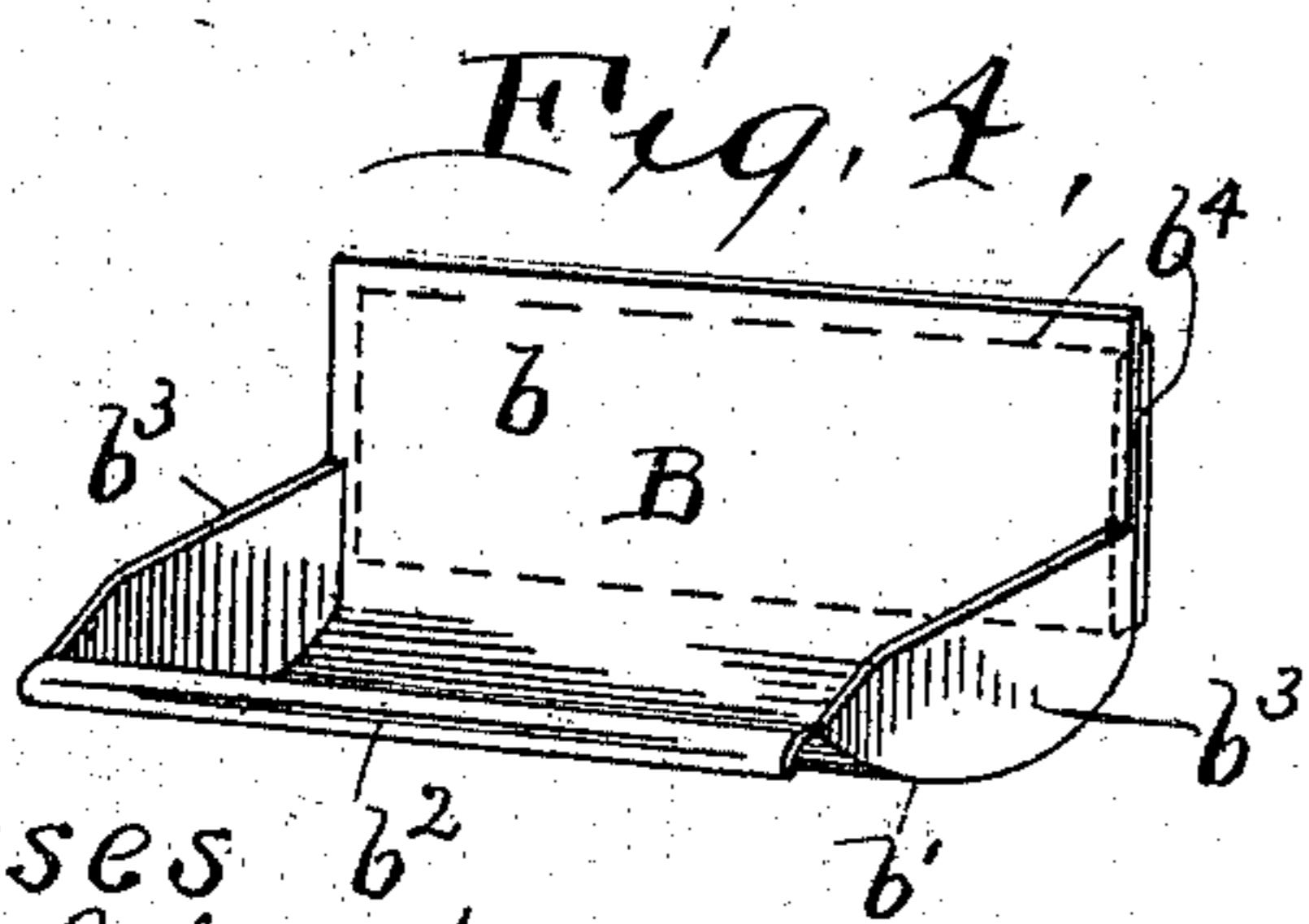
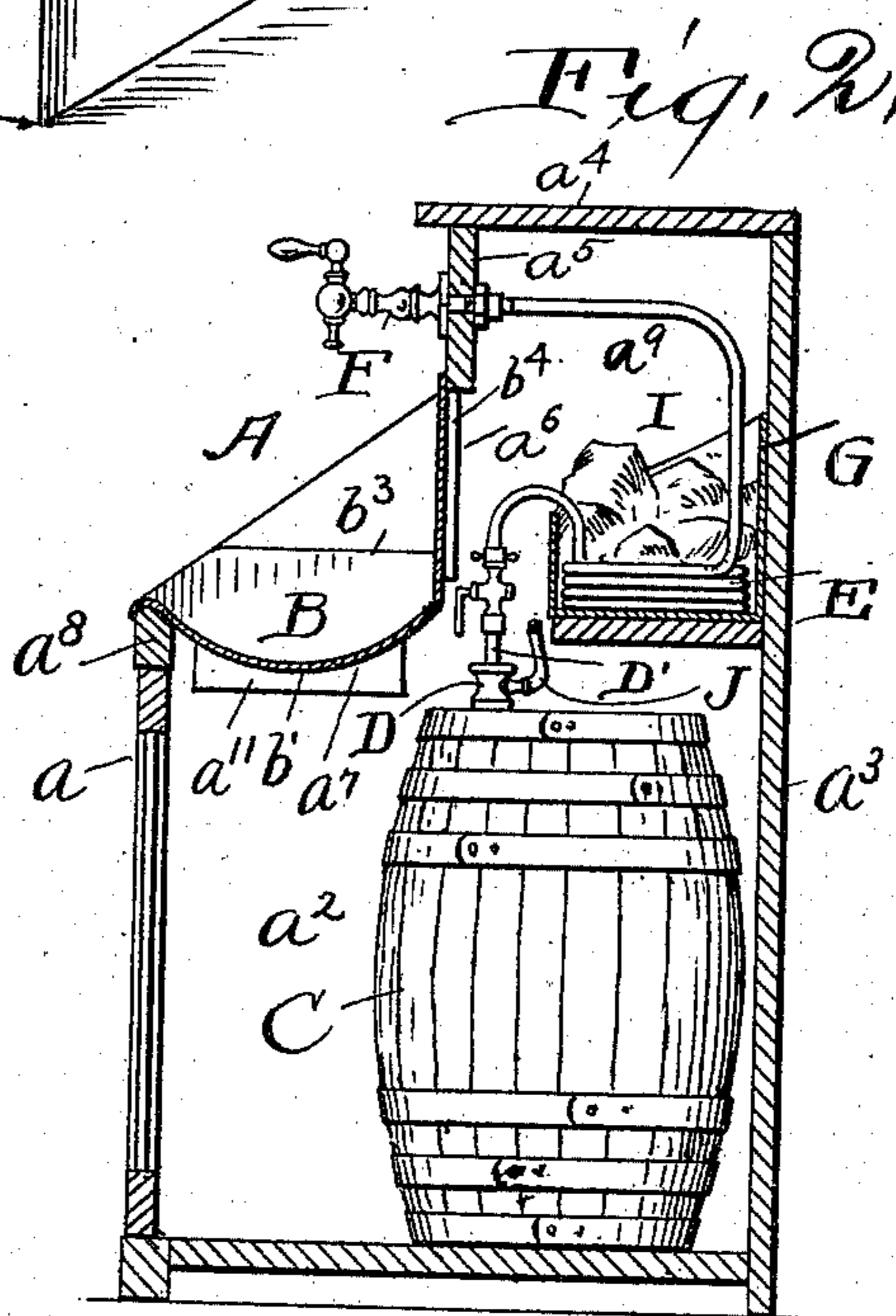
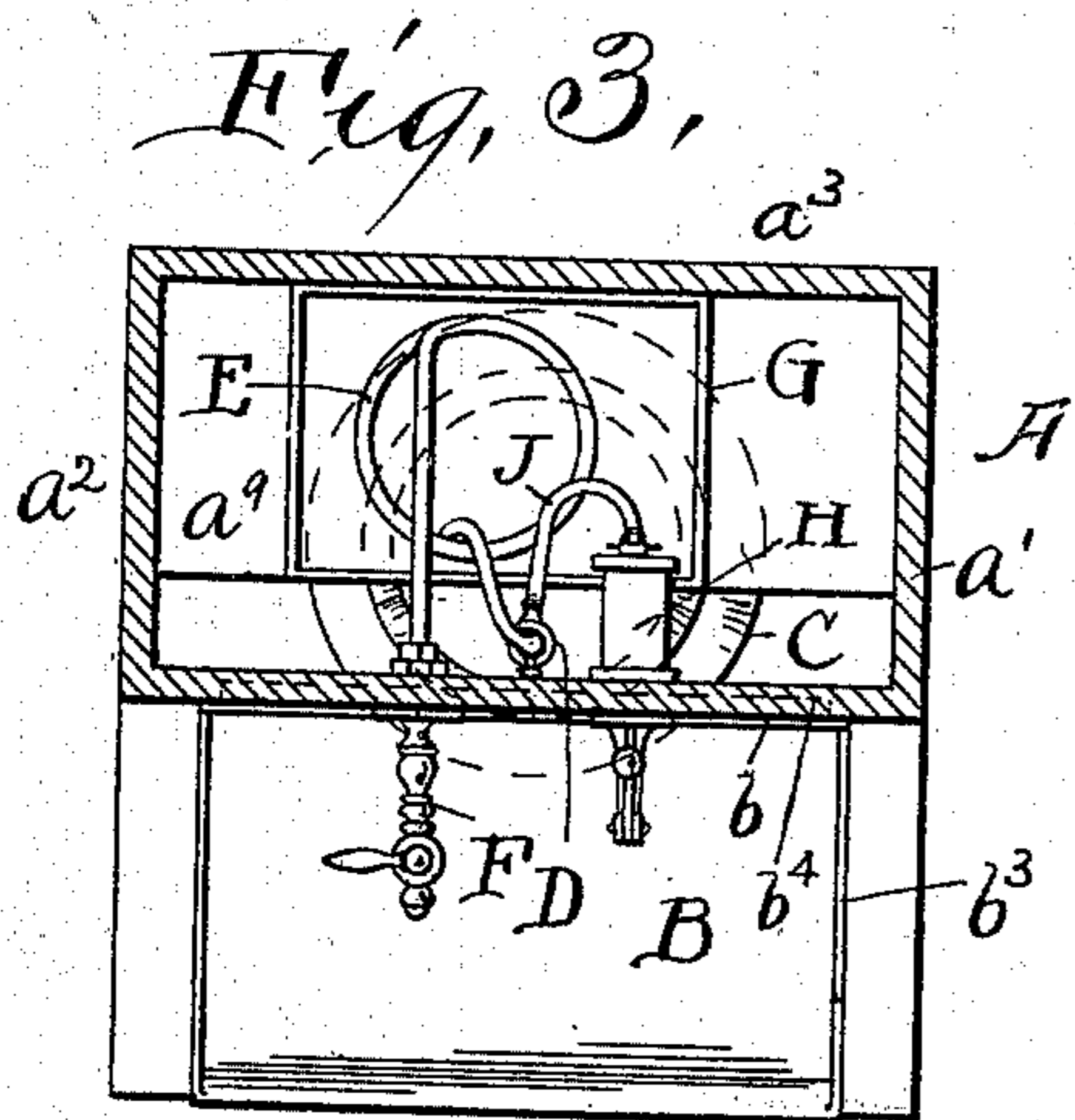
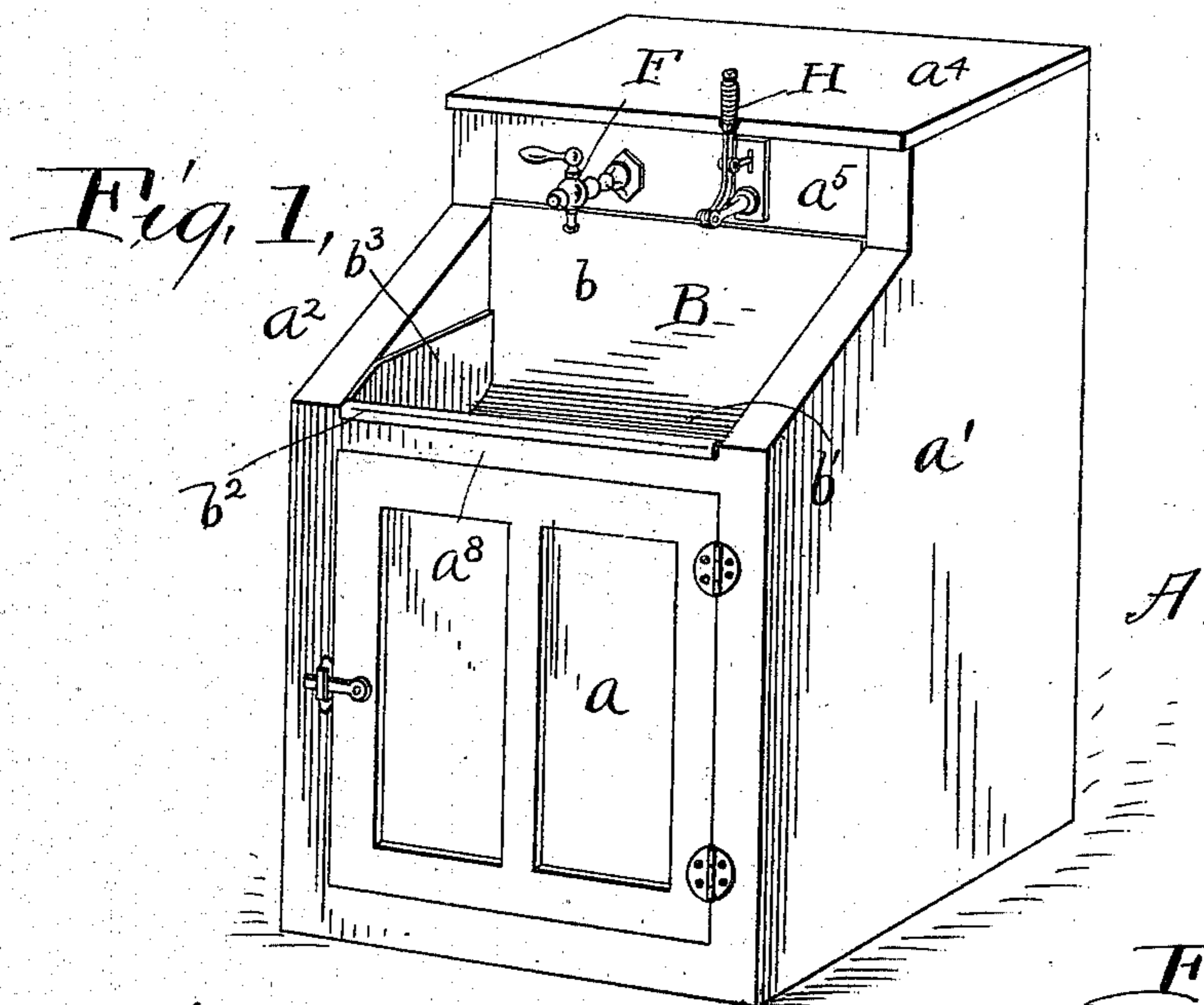
Patented Aug. 20, 1901.

J. IRR, JR.

REFRIGERATING AND TAPPING BOX.

(Application filed Feb. 18, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOSEPH IRR, JR., OF CLEVELAND, OHIO.

## REFRIGERATING AND TAPPING BOX.

SPECIFICATION forming part of Letters Patent No. 681,056, dated August 20, 1901.

Application filed February 18, 1901. Serial No. 47,729. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH IRR, Jr., a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Refrigerating and Tapping Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

The primary object of this invention is to provide a very simple, efficient, and compact refrigerating-box for the reception of a beer-keg and for the convenient tapping of the same. In order that the beer-faucet may be conveniently operated, it must be at a fairly well defined height above the floor, while for the necessary connections to be conveniently made to the tapping-tube it must project a certain distance above the top of the beer-keg. The result is that with an ordinary construction of cabinet to allow room for the insertion of a keg with the tap-tube would require the faucet to be placed at an inconvenient height, wherefore the best that has been done has been simply to provide storage-room beneath the faucet-compartment and add an extra compartment for the containing and tapping of the keg. I reconcile these opposing requirements and provide a cabinet wherein the keg, the tapping and cooling arrangements, and the faucet and drip-pan are all arranged in one compartment. There may be as many of these compartments laterally as desired. Where there is more than one compartment, the faucets may be provided in but one of them and properly connected with the others.

The drawings clearly disclose my invention.

Figure 1 is a perspective view of a single compartment involving my invention. Fig. 2 is a vertical section of the same. Fig. 3 is a sectional plan thereof, and Fig. 4 a perspective view of the drip-pan removed.

Referring to the parts by letters, A represents the body of the cabinet. At its front this cabinet has an opening (closed by a door  $a$ ) of sufficient dimension to allow the insertion of a keg on end. The sides of the cabinet are designated  $a'$   $a''$ , which sides may be solid, or where more than one compartment is used may be simply partitions, or largely dispensed with, being simply cross-

braces. The back of the cabinet is designated  $a^3$  and the top  $a^4$ . Vertically beneath the top extending down a short distance is the faucet-board  $a^5$ . Beneath this board is a vertical open space  $a^6$ , and in front is a horizontal open space  $a^7$ , these open spaces in use being covered by the drip-pan B.

C represents the keg, and D the bung and D' the tap-tube, which are inserted thereto. As will be observed, this tap-tube extends a considerable distance above the keg, too far for the keg with it in place to be inserted through the door  $a$ . After the keg is so inserted, however, under the cross-bar  $a^8$  and standing beneath the open space  $a^7$  the bung and tap-tube are put in place and then the keg is shoved back home, the tap-tube passing through the open space  $a^6$  and projecting upward into the ice-compartment  $a^9$ . In this compartment it is connected with the end of the cooling-pipe E, which leads to the faucet F. An ice-pan G is suitably supported beneath the cooling-pipe.

H represents the beer-pump, and J the pipe communicating therefrom to the keg. When the drip-pan is removed, as stated, the keg may be tapped and shoved into place and the proper connections made, and the ice I may be put in place through the opening  $a^6$ . Thereafter the drip-pan is returned and the cabinet is closed.

The drip-pan, which is of the form shown in Fig. 4, may be made, for example, of polished copper. In shape it has a vertical back plate  $b$ , a curved concave bottom  $b'$ , and a convex front edge  $b^2$ , adapted to extend over the edge of the beam  $a^8$ . At its ends this pan is provided with the vertical splash-plates  $b^3$ , which lie against the sides of the cabinet, and the pan rests on cleats  $a''$ . The plate  $b$  is backed by a heat-insulating board  $b^4$  of slightly less size to allow a rabbeted edge. The removability of this pan is itself a convenience for cleaning, &c.; but its primary purpose is to allow an open space whereby the long tap-tube may be inserted, and then the keg with it projecting may be passed back into its final position, as explained.

Having described my invention, I claim—

1. A cabinet having a lateral opening for the insertion of the receptacle to be tapped, a faucet-support at a proper elevation, an

opening beneath and in front of the faucet-support, and a compartment behind the faucet-support, said parts being so arranged that the receptacle may be inserted into the cabinet 5 and the projecting tap-tube inserted into it, and the whole shoved back into position, combined with a removable drip-pan for covering such opening, substantially as described.

2. The combination of a cabinet having a 10 lateral opening for the insertion of a beer-keg, a faucet-support at a proper elevation, there being a vertical opening beneath said faucet-support, and a connecting horizontal opening in front of said vertical opening, 15 whereby the keg may be inserted through the lateral opening into the cabinet and the tap-tube inserted when the keg is beneath the horizontal opening and then the keg may be shoved into place, the tap-tube passing 20 through the vertical opening, and a removable drip-pan for covering said vertical and horizontal openings, substantially as described.

3. A cabinet having a lateral opening for 25 the insertion of a beer-keg, a vertical faucet-board held at proper elevation, there being a vertical opening directly beneath said faucet-board and a horizontal opening into the base of the cabinet connecting therewith, and 30 there being a compartment at the rear of said vertical opening for the reception of the cooling-pipes, &c., combined with a removable drip-pan adapted to cover said vertical and horizontal openings which pan comprises a

dish-like receptacle having a vertical plate 35 rising from the back thereof, and vertical plates at the ends, said back plate adapted to cover the vertical opening and the end plates adapted to engage the end walls or partitions of the cabinet, substantially as de- 40 scribed.

4. A cabinet having a lower space for the reception of a beer-keg, a door leading there-into, a horizontal member of the cabinet 45 crossing just above said door and defining the door-opening, a vertical faucet-board supported at the rear and above said door and in front of the back of the cabinet whereby an ice-compartment is provided, there being a vertical opening beneath the faucet-board 50 leading into said ice-compartment, and a horizontal opening leading into the keg-compartment, said two openings connecting, combined with a removable drip-pan adapted to cover 55 said vertical and horizontal openings, a faucet supported by said faucet-board, a cooling-pipe connected therewith, and an ice-pan in the compartment behind the same, the removal of said drip-pan allowing the insertion of the tapped keg and also the insertion of 60 the cooling-ice, substantially as described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JOSEPH IRR, JR.

Witnesses:

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WM. S. DECKER.