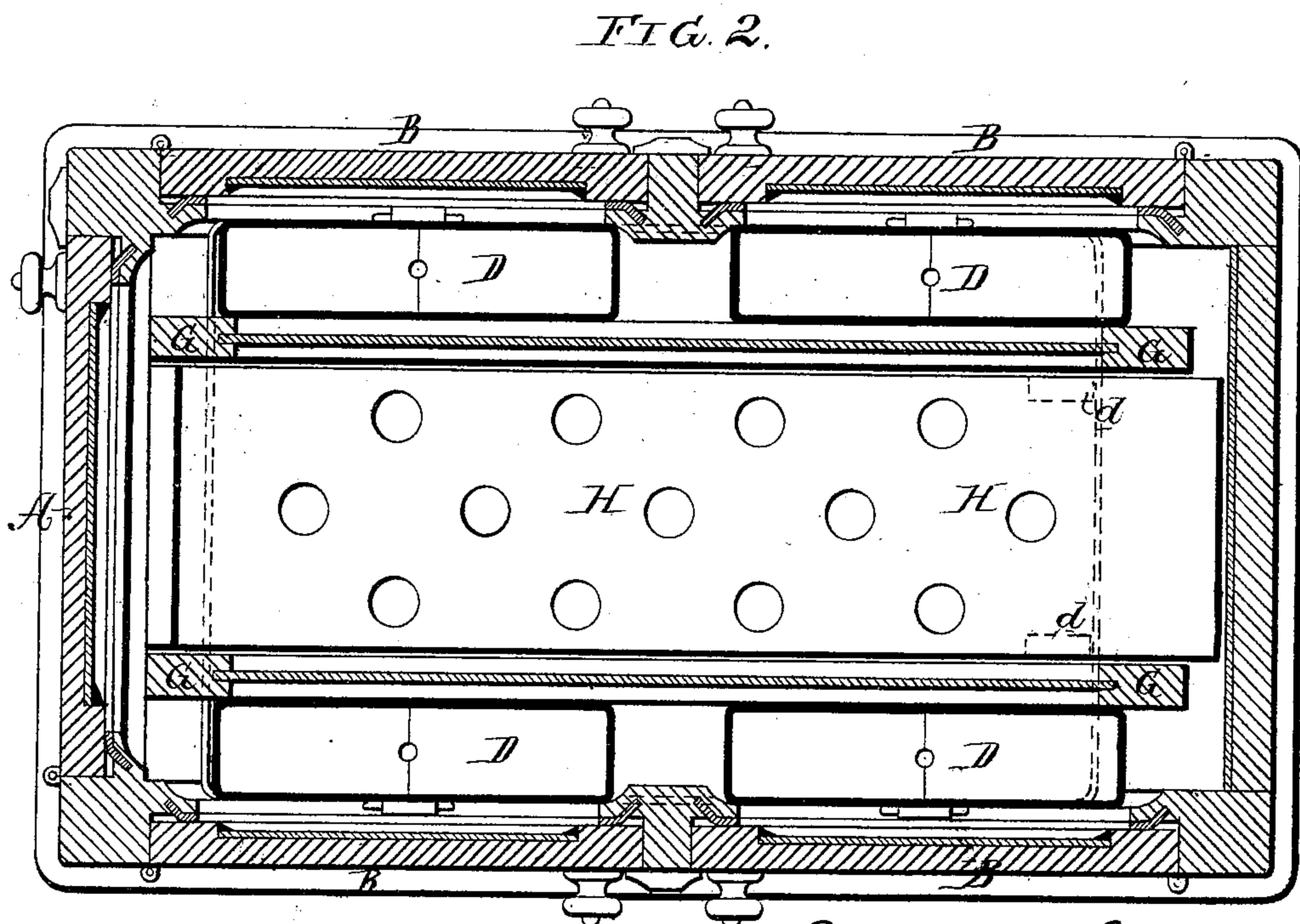
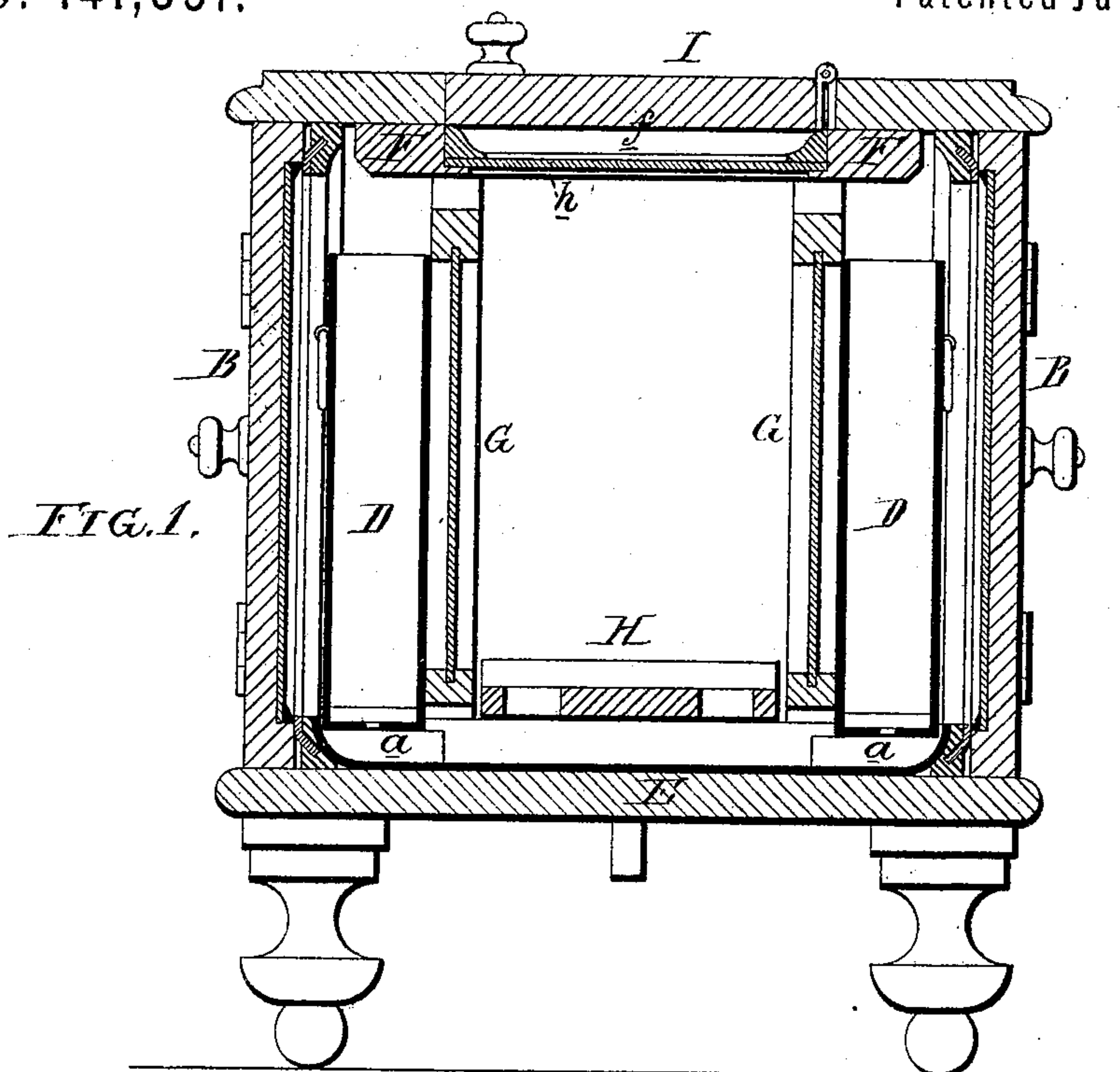


S. H. CRUMP.
Corpse Coolers.

No. 141,331.

Patented July 29, 1873.



Witnesses, Harry Smith
Thomas McPherson

Savilla H. Crump
by her attys.
Havens and Son

UNITED STATES PATENT OFFICE.

SAVILLA H. CRUMP, OF READING, PENNSYLVANIA.

IMPROVEMENT IN CORPSE-COOLERS.

Specification forming part of Letters Patent No. **141,331**, dated July 29, 1873; application filed April 30, 1873.

To all whom it may concern:

Be it known that I, SAVILLA H. CRUMP, of Reading, Berks county, Pennsylvania, have invented certain Improvements in Corpse-Preserving Cases, of which the following is a specification:

The object of my invention is the efficient preservation of corpses by means of a case constructed in the peculiar manner which I will now proceed to describe, reference being had to the accompanying drawing, in which—

Figure 1 is a transverse section of the corpse-preserving case, and Fig. 2 a sectional plan view of the same.

The corpse-preserving case consists of an oblong box, having at one end a door, A, which can be closed and secured after the admission of the corpse. At each side of the box are two doors, B B, for the introduction of metal cases D, which contain the freezing-mixture, and which rest on strips *a* secured to the bottom E of the box. Extending nearly from end to end of the box are two partitions, G G, the upper edges of which are a short distance from the top F of the box, and the lower edges a similar distance from the bottom E of the same. Between these partitions is a perforated platform, H, on which the corpse is placed, and which is furnished at one end with rollers *d d*, bearing on the bottom E of the box, so that the said platform and the corpse may be readily withdrawn. The bottom of the box is so lined with metal as to form a reservoir for receiving the water which drips from the vessels D, the latter being perforated at the bottom to permit the water to escape into the said reservoir, from which it may be drained at pleasure by any suitable faucet connected with a hose. In the top of the box is an opening, *f*, which is entirely closed by a substantial plate, *h*, of glass, the latter being covered when necessary by a lid, I, hinged to one edge of the said opening *f*. Each partition G consists mainly of glass secured to a light frame, and each door B, as well as the closed end of the box and the door A, is lined

with glass, so that when all the doors are closed the whole inside of the box is of glass, but little wood, such only as is necessary to retain the glass, being exposed in the interior of the box. This glass lining not only insures cleanliness, but it aids the freezing-mixture to refrigerate the interior of the box and to maintain it in the cold state, which could not be attained in an ordinary wood-lined or even metal-lined box.

The relative positions of the vessels D, doors B, and partitions G permit a thorough circulation of air within the box, the air passing over and under the partitions and being brought into contact with the frigid sides of the vessels D and with the equally frigid plates of glass with which the doors are lined, or with the glass of the partitions G.

An important feature of my invention is the facility with which the vessels D containing the freezing-mixture can be withdrawn to be replenished and reintroduced into the box without disturbing the contents of the same.

I do not claim the perforated platform and its rollers; but

I claim—

1. A corpse-preserving case in which the boxes containing the freezing-mixture are separated by partitions from the central chamber but are in communication therewith, substantially as described.

2. The combination, with the corpse-preserving case, of longitudinal partitions G, formed wholly or partially of glass, and separating the interior of the said case into central and side chambers, as specified.

3. The combination of the ice-boxes D, the partitions G, and the doors B in the sides of the case opposite the ice-boxes.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAVILLA H. CRUMP.

Witnesses:

WM. A. STEEL,
HUBERT HOWSON.