

No. 706,455.

Patented Aug. 5, 1902.

T. B. ROGERS.
TANK OR ICE CHEST.

(Application filed Dec. 18, 1901.)

(No Model.)

Fig. 1.

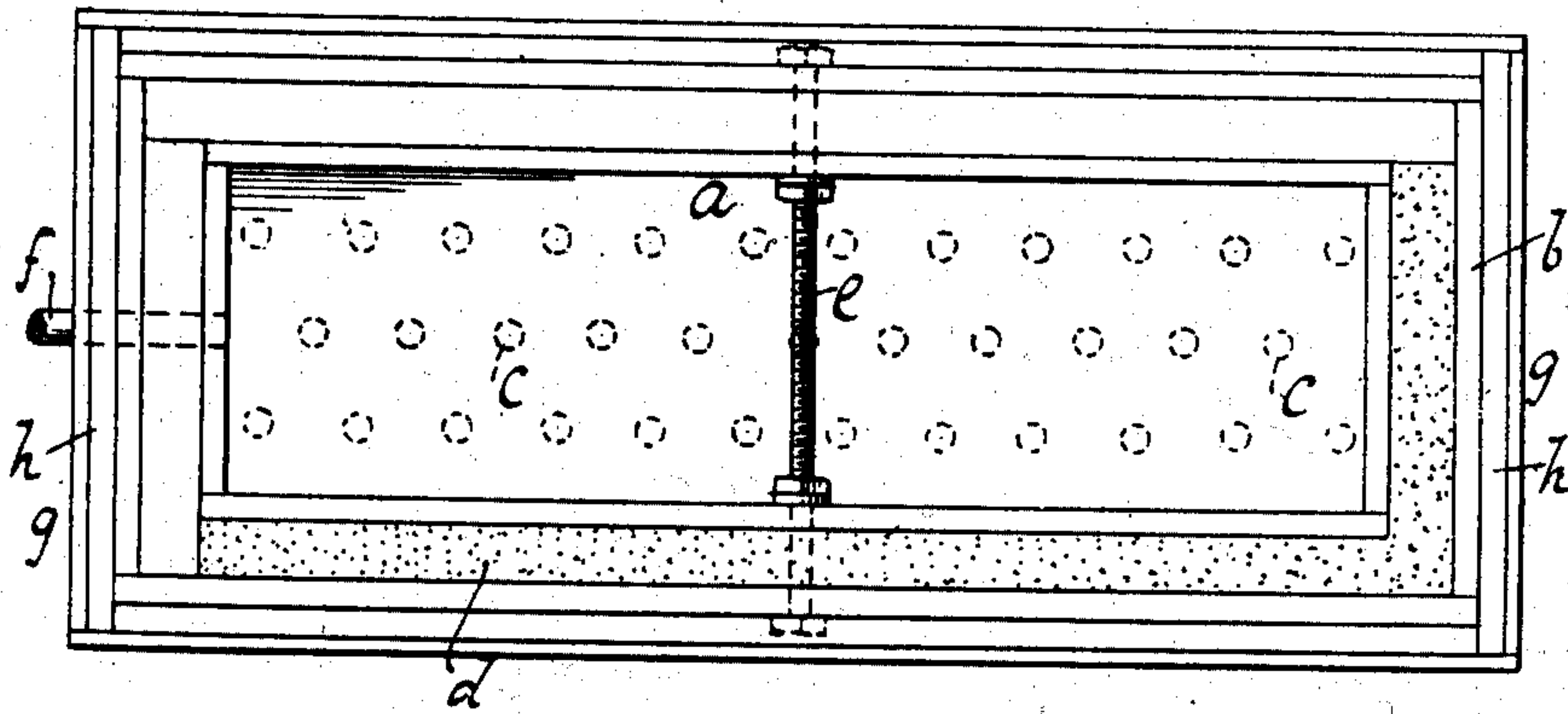


Fig. 2.

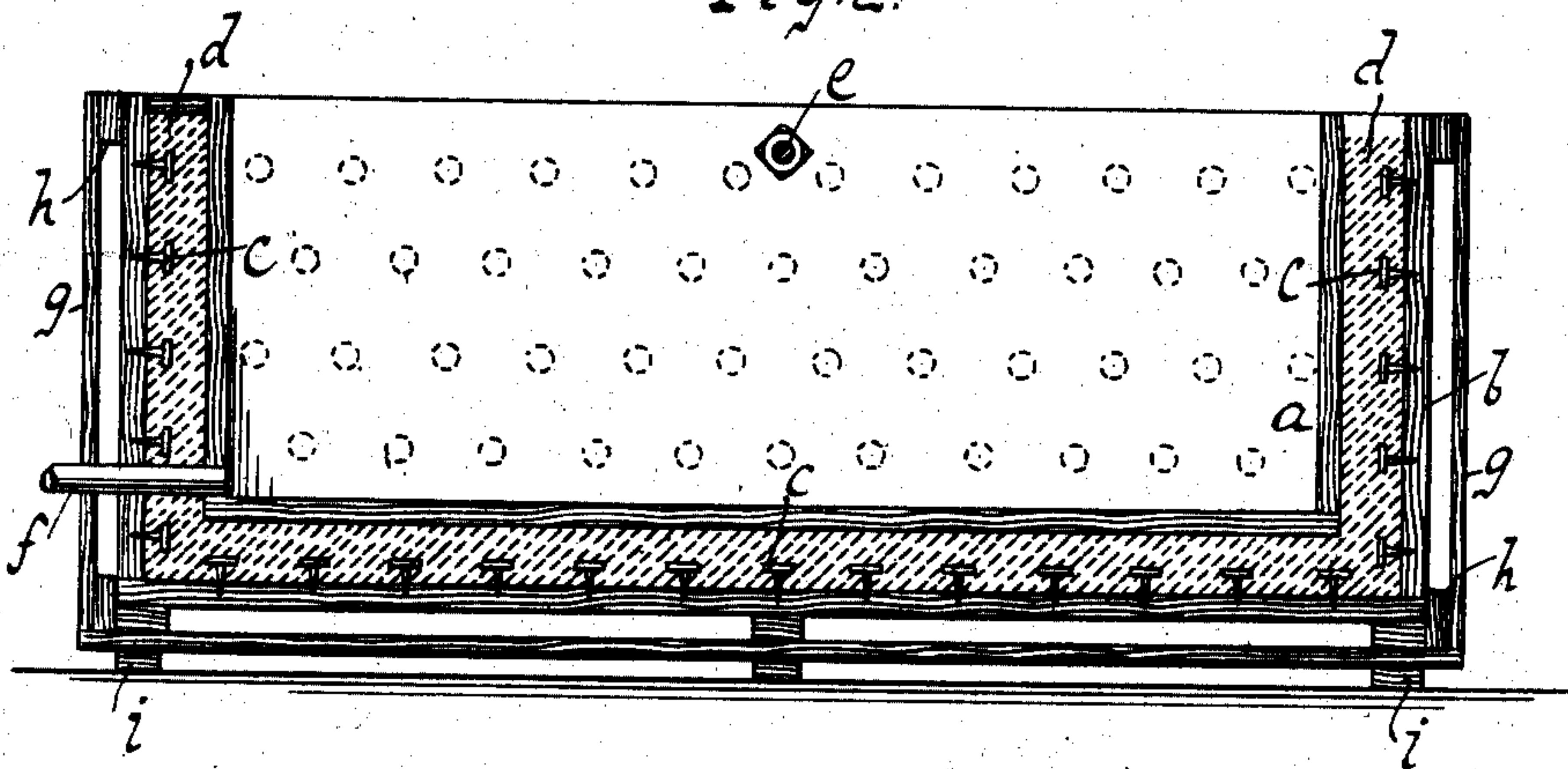
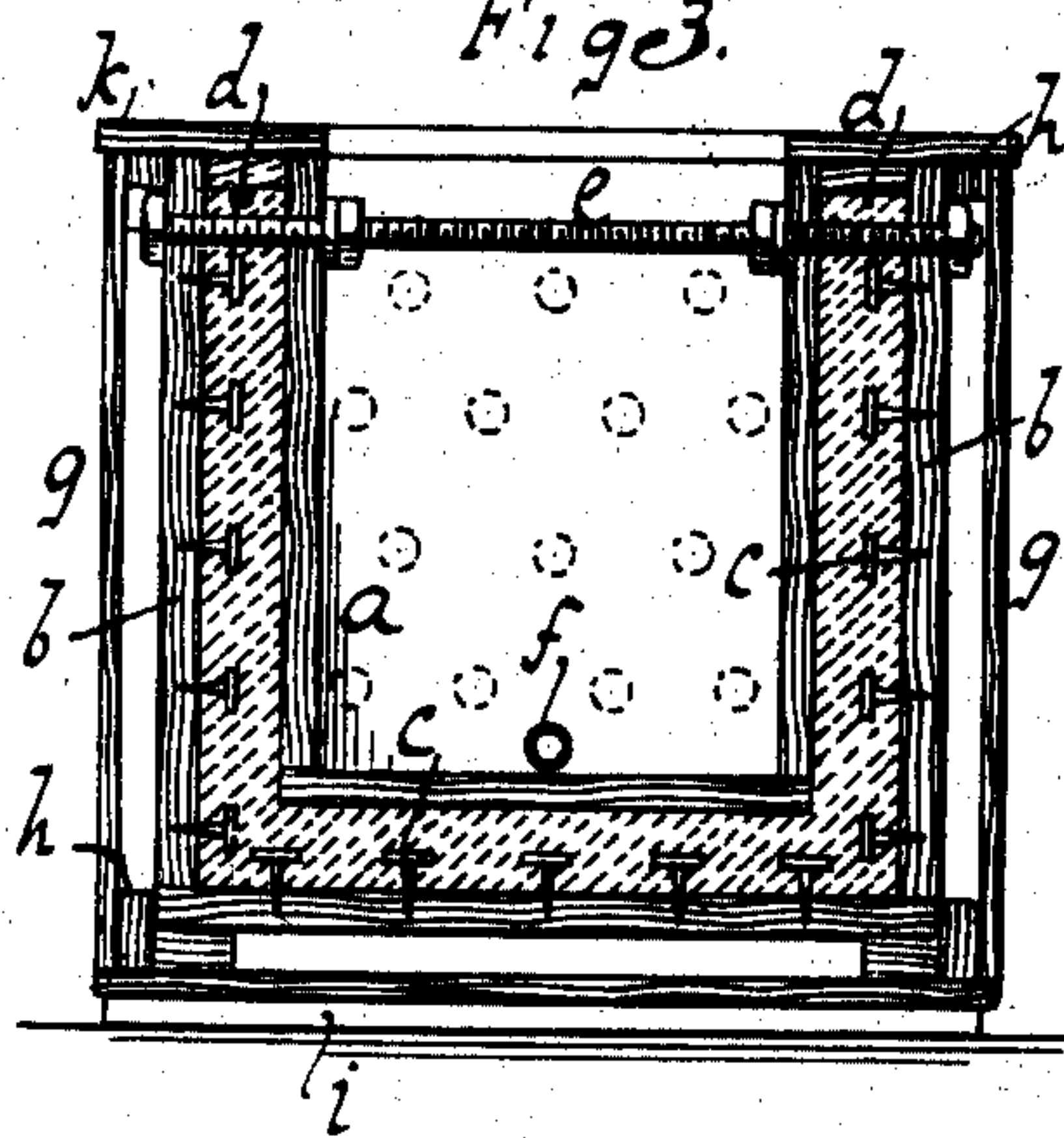


Fig. 3.



WITNESSES:

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THOMAS B. ROGERS, OF BROOKLYN, NEW YORK.

TANK OR ICE-CHEST.

SPECIFICATION forming part of Letters Patent No. 706,455, dated August 5, 1902.

Application filed December 13, 1901. Serial No. 85,762. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. ROGERS, a citizen of the United States, residing at Brooklyn borough, New York city, in the county of Kings and State of New York, have invented new and useful Improvements in Tanks or Ice-Chests, of which the following is a specification.

This invention relates to a tank or ice-chest comprising an inner and outer casing with a water-tight material therebetween, said material being free or detached from the inner casing, the outer casing having suitable clenchers or fastenings for gripping or securing the water-tight material to such outer casing.

This invention is set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 is a plan view of the tank or ice-chest embodying this invention with the top rail or cap removed. Fig. 2 is a sectional side elevation of Fig. 1. Fig. 3 is a cross-section of the complete device.

This tank or ice-chest consists of an inner and outer casing with an intermediate layer of cement or other waterproof material. The chest comprises an inner tank lining or casing *a*, which receives the ice or liquids and other articles. The outer casing *b* is provided at its interior with the clenchers *c*, so that the lining *d* is held firmly against the inside surface of the outer case. The inner and outer casings are made of wood. The said lining being held firmly to the interior of the outer case by the clenchers will allow the inner case, which is not fastened to the lining, to expand and contract. A rod *e* holds the inner and outer casings together and will prevent the longitudinal walls of the casing from buckling. The rod is threaded or in form of a screw-rod. The end nuts on this rod sitting against the longer walls of outer casing *b* prevent the latter buckling or bulging outward. The intermediate nuts sitting against a wall or alongside of inner casing *a* prevent the latter buckling or bulging inward. The pipe or drip *f* draws off the waste water from the ice in the inner case. This drip can be suitably closed or plugged, or a faucet can be employed to empty the tank when required. The inner casing being free from or loosely set into the waterproof lining *d* can expand or contract without affecting such wall. The latter being non-absorbent, no leakage from

the inner casing can penetrate thereinto, so that the fouling or smell caused by leakage being absorbed by the packing generally found about ice chests or tanks is avoided or prevented.

An air-space is shown about the outer casing. An outer shell or wainscoting *g*, suitably spaced or held by strips *h* clear of the outer casing, will form the required air-space.

The clenchers *c* can be formed by headed nails or other clenchers of suitable form, which being driven part way or suitably fastened to or into the inner side of the outer casing will have the heads in position to firmly grip or hold the cement or waterproof material.

The bottom of the air-space wainscoting has cleats *i* to keep the tank or bottom suitably elevated or clear, so as to avoid rotting or fouling. A rail or cap *k* can be applied over the top of the device to cover the waterproof material and receive any suitable lid or cover.

What I claim as new, and desire to secure by Letters Patent, is—

1. A tank or ice-chest comprising an inner and an outer casing, a water-tight material made to surround the inner casing, and clenchers on the interior of the outer casing for securing the water-tight material to said outer casing, the inner casing being in contact with but not adhering to the water-tight material, so as to allow said inner casing to contract and expand without affecting the water-tight material or the outer casing, and said water-tight material preventing leakage or moisture from the inner casing penetrating to the outer casing.

2. A tank or ice-chest comprising an inner and outer casing, water-tight material between the casings, a tie or screw rod having nuts made to sit against the casings to prevent buckling or bulging of the same, and clenchers on the inside of the outer casing to hold or engage said water-tight material, said outer casing having a shell forming an air-space thereabout.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

THOMAS B. ROGERS.

Witnesses:

CHAS. E. POENSGEN,
E. F. KASTENHUBER.