

J. W. BARTLETT.
Refrigerator.

No. 38,142.

Patented Apr. 14, 1863.

Fig. 2.

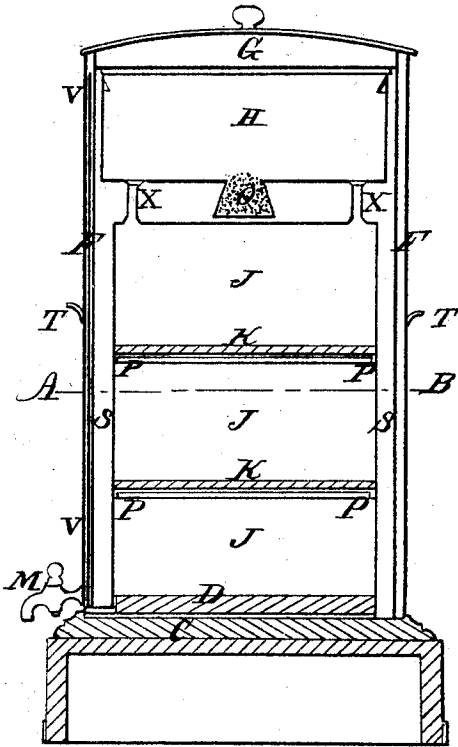


Fig. 1.

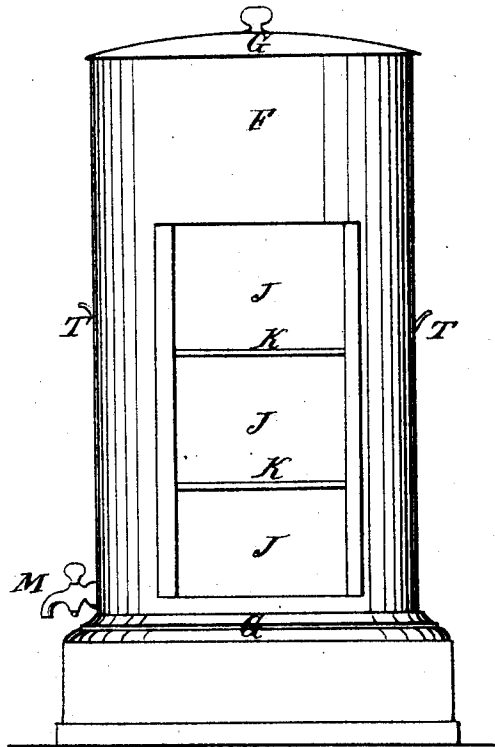
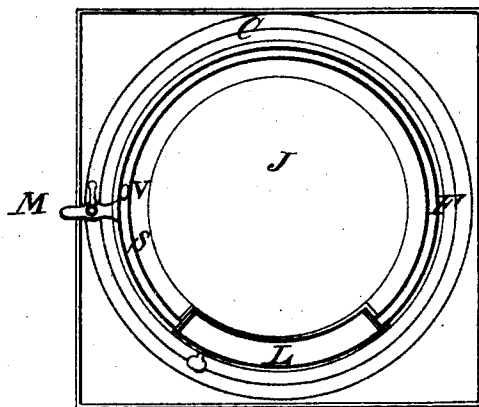


Fig. 3.



Witnesses:

James Bennett
H. Hunt

Inventor:

Joseph W. Bartlett

UNITED STATES PATENT OFFICE.

JOSEPH W. BARTLETT, OF NEW YORK, N. Y.

IMPROVED PROVISION-COOLER.

Specification forming part of Letters Patent No. 38,142, dated April 14, 1863.

To all whom it may concern:

Be it known that I, JOSEPH W. BARTLETT, of the city, county, and State of New York, have invented new and useful improvements in wine, water, and provision coolers or refrigerators; and I do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawings by the letters of reference marked thereon, in which drawings—

Figure 1 shows a front elevation, with the door left off to more clearly show the interior arrangement. Fig. 2 is a vertical section. Fig. 3 is a plan at A B on section.

C is the base supporting the cooler. D is the floor or lower shelf. F F are the doubled-cased walls. G is the cover. H is the ice-box. O is the filter-box, filled with sponge, or any proper material, with holes punctured through the bottom like a sieve. J J J is the inner or provision chamber, filled with more or less shelves. K K are the movable shelves. P P are the ribs supporting the shelves. M is the faucet for drawing the ice-water. S S is the cold air and water chamber. T T are the

handles. V V the tube for conducting the air from the provision-chamber back up to the ice again. X X X are hollow tubes, made of gas-pipe or other proper material, serving as supports to the ice-box and ventilators or conductors of the cold air direct from the ice, by having small holes perforated around the top of each tube, thereby causing a constant passage of air direct from the ice down through the provision-chamber, which forces the warmer air also down, out, and up upon the ice again, and so on.

The tubes, ice-box, and filter are made so as to be removed when not required.

I claim—

A cooler or refrigerator consisting of the provision-chamber J J, air and water chamber S S, ice-box H, hollow tubes O O, when arranged substantially as and for the purposes specified.

JOSEPH W. BARTLETT.

Witnesses:

GEO. PEYTON,
F. PLANT.