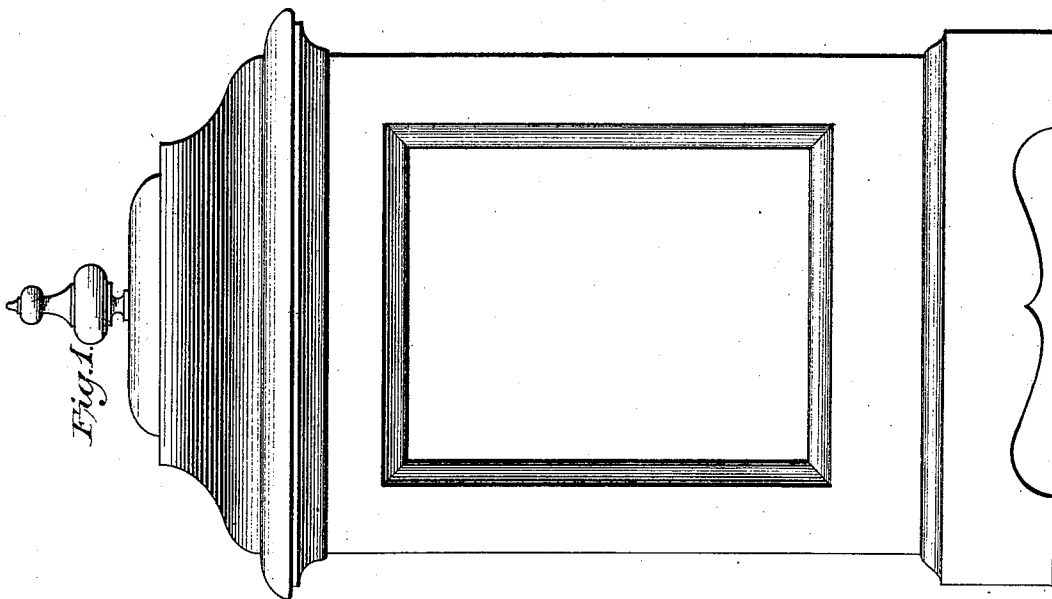
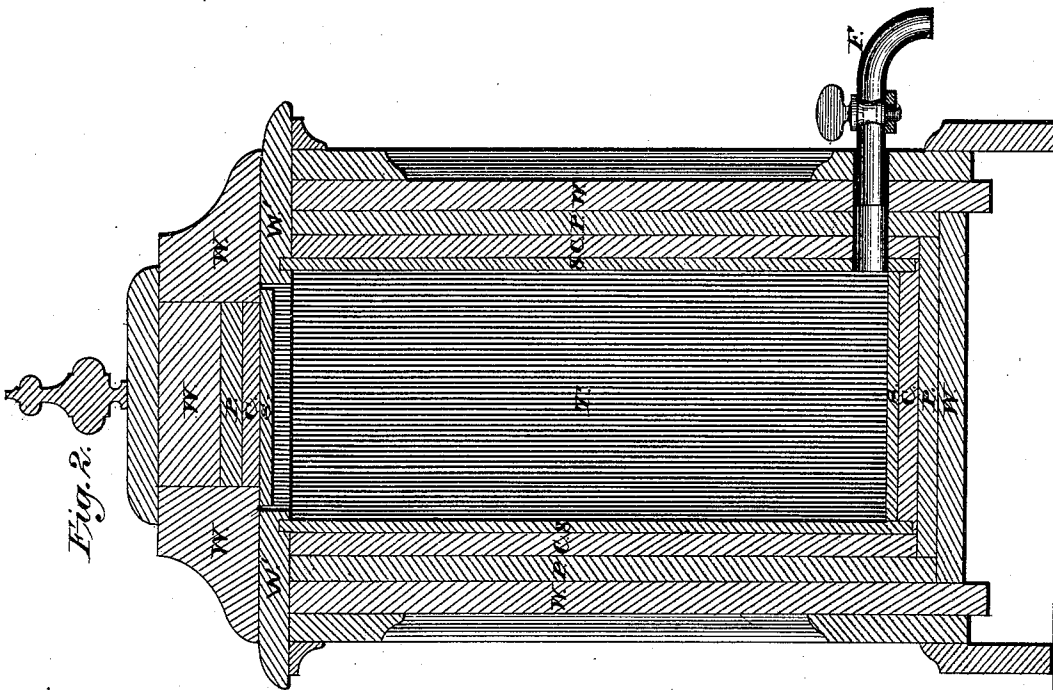


C. B. HUTCHINS.

WATER-COOLER.

No. 177,335.

Patented May 16, 1876.



Attest:

John Tordon
C. B. Hutchins

Inventor:

Carleton B Hutchins.

UNITED STATES PATENT OFFICE.

CARLETON B. HUTCHINS, OF ANN ARBOR, MICHIGAN.

IMPROVEMENT IN WATER-COOLERS.

Specification forming part of Letters Patent No. **177,335**, dated May 16, 1876; application filed February 26, 1876.

To all whom it may concern:

Be it known that I, CARLETON B. HUTCHINS, of Ann Arbor, in the county of Washtenaw and State of Michigan, have invented an Improvement in Water-Coolers, of which the following is a specification:

My invention relates to the combination of wood, paper, slab-stone, and a water-tight composition, which is a non-conductor.

W W W is the wooden case. P P P is the the lining of paper, which is tacked onto the inside of case W W W. S S S are the slab-stones, which are secured in a groove in box form around the mouth of the cooler. C C C is the composition which fills the space between the paper and the stone, and over the bottom stone of the cover. To receive the composition I reverse the cooler, and, after being filled, I replace the bottom of paper and wood. W W W is the wooden cover, which is inlaid with paper lining P, and filled with composition C. The stone S is screwed on, which secures the cover in place on the cooler.

To prepare the composition I take one gallon of melted rosin, one pint of melted tallow or grease; add to this a suitable quantity of pulverized charcoal, stucco, or burnt ground bone, either one separate, or combined; add borax for flux, when needed. I add wool waste when I wish to make the composition a better non-conductor. The proportions of rosin and tallow or grease can be varied.

I claim as my invention—

1. The combination of an outer wooden case, an inner lining of stone, and intervening layers of paper, and of a non-conducting and water-tight composition, substantially as described.

2. The non-conducting and water-tight composition, consisting of rosin, tallow, or grease, and a powdered or fibrous non-conducting material, as described.

CARLETON B. HUTCHINS.

Witnesses:

C. H. HUTCHINS,
J. FERDON.