(No Model.)

T. C. NATIVEL.

COMBINED REFRIGERATOR, FILTER, AND WATER COOLER.

No. 277,330. Patented May 8, 1883.

Fig. 1.

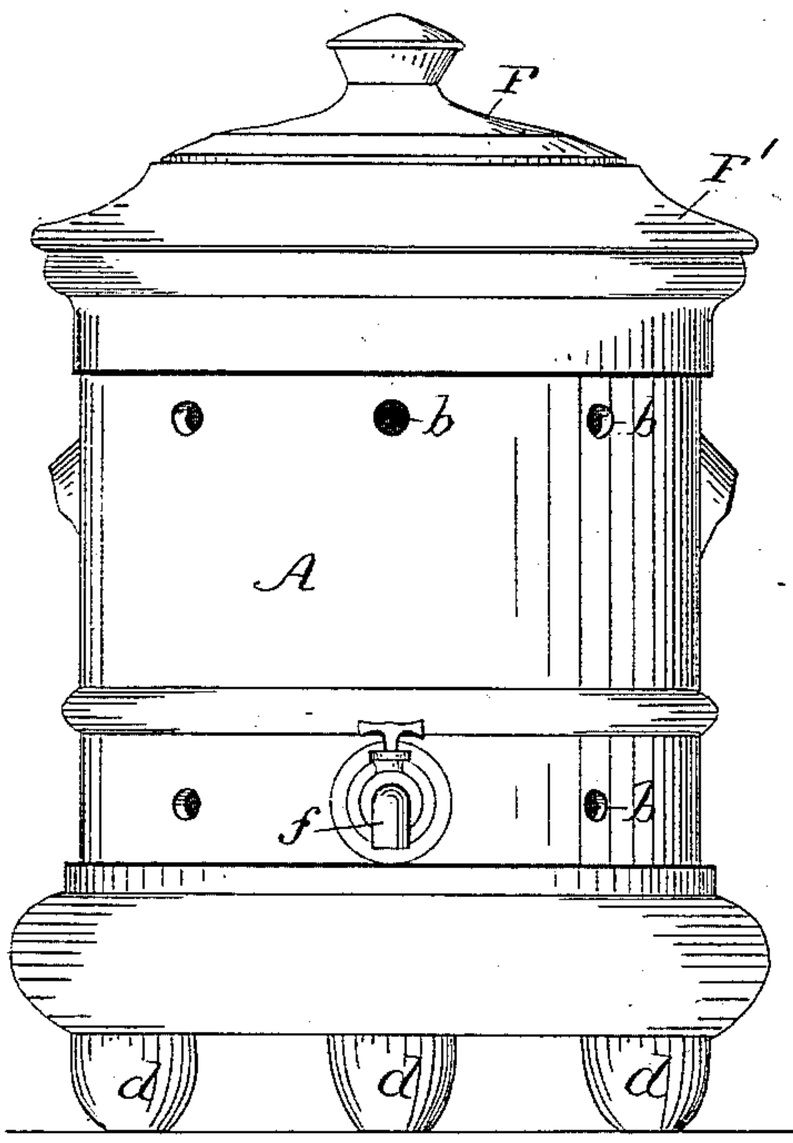
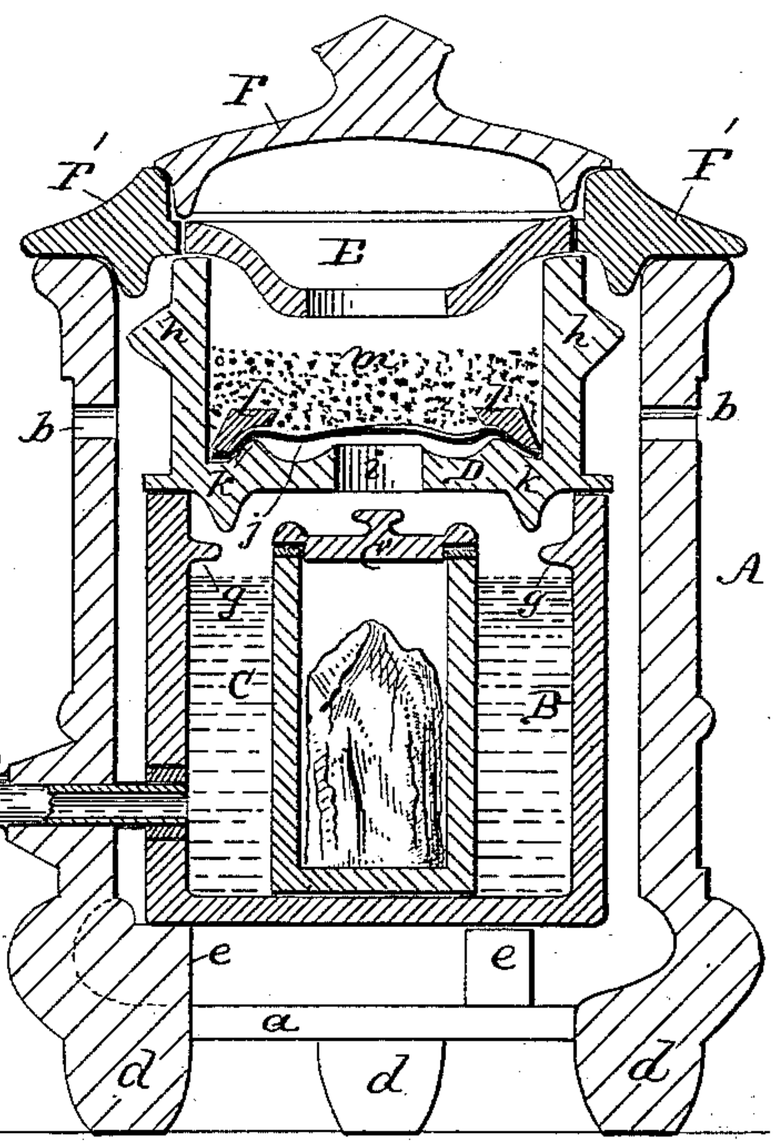


Fig. 2.



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THEODORE C. NATIVEL, OF BROOKLYN, CALIFORNIA.

COMBINED REFRIGERATOR, FILTER, AND WATER-COOLER.

SPECIFICATION forming part of Letters Patent No. 277,330, dated May 8, 1883.

Application filed March 16, 1883. (No model.)

To all whom it may concern:

Be it known that I, THEODORE C. NATIVEL, of Brooklyn, in the county of Alameda and State of California, have invented a new and useful Improvement in a Combined Refrigerator, Filter, and Water-Cooler; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 a vertical central section.

My invention has for its object to provide a combined refrigerator, filter, and water-cooler, whereby in one apparatus the water may be filtered and kept cool and sweet for drinking purposes, and at the same time a limited amount of space provided for keeping butter, meats, &c.

To this end my invention consists in the peculiar construction of device, made of earthenware in separable pieces, whereby each part may be readily removed and cleaned, as hereinafter fully described.

In the drawings, A represents the outer casing, which is made of earthenware, with an open bottom at *a*, and with perforations *b* in its sides. This case rests upon feet *d*, and upon the inside has three or more raised seats or lugs, *e*, upon which rests the water-reservoir B. This reservoir is made of earthenware, and has a spigot, *f*, tightly fitted by a cork packing, and which spigot passes through an opening in the outer case, and constitutes the means for drawing water from the cooler. In the center of the water-reservoir is an earthenware jar or ice-receptacle, C, for keeping the water cool, and this jar is provided with a tight cover, C′. For lifting the water-reservoir and ice-jar out, ears or lugs *g g* are formed upon the inner side of the water-reservoir.

Upon the top of the water-reservoir is supported the filter. This is composed of an earthenware receptacle, D, having lugs *h* to stay it against lateral motion in the outer case. This receptacle has a hole in its bottom at *i*, which bottom is covered by one or more layers of flannel, *j*, which are held down tightly at its outer edges by a flange, *k*, in the bottom of the receptacle, and a detachable ring, *l*, which tucks the flannel cloth down outside the flange. Above this piece of flannel are layers of charcoal and gravel, as shown at *m*, through which the water passes while being filtered. Upon the top of the receptacle D is supported a perforated dish, E, through which water may be poured into the filter, and which dish serves as a support for a plate of butter or other article of food which is required to be kept cool.

F F′ is the cover of the device, which is made in two sections, one of which, F′, is of a ring shape, and rests upon the outer case and also upon the filter-chamber D, and closes the annular space between, and the other of which sections fits inside of this ring and closes over the perforated dish. For merely pouring in water or removing and placing butter in the dish, only the section F of the cover need be removed; but when the parts D and B are to be taken out and cleaned the other section, F′, of the cover is also removed.

In the device as thus described the outer case, A, protects both the filter and water-cooler from the high temperature without, and as evaporation takes place through the porous earthenware of the receptacle B this serves to maintain the low temperature of the water within. As the water passes through the filter it is cooled and trickles through the opening *i* and falls into the reservoir below.

The separability of the parts forming my device permits them all to be made of earthenware, and also to be readily taken out and cleaned.

Having thus described my invention, what I claim as new is—

1. The combination, with the perforated or open earthenware case A, of the detachable earthenware water-reservoir B and the earthenware ice-jar C C′, substantially as shown and described.

2. The combination of the perforated earthenware case A, the earthenware water-reservoir B, with ice-jar C, and the filtering devices consisting of a receptacle, D, having an opening, *i*, a cloth diaphragm, *j*, ring *l*, and a filtering medium, and a cover for the case, substantially as set forth.

3. The combination of the case A, water-reservoir B, with ice-jar C, the perforated filter-receptacle D, sustained upon the water-res-

ervoir, the perforated dish E, and the sectional cover F F′, substantially as shown and described.

4. A combined filter, refrigerator, and water-cooler, consisting of filtering devices combined with a water-cooler below it, and a perforated dish, E, above it, and an outer containing-case inclosing the whole, and perforated for access of air, as described.

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Witnesses:
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