W. G. WILSON.

REFRIGERATOR.

APPLICATION FILED JUNE 24, 1908.

981,148. Patented Jan. 10, 1911.

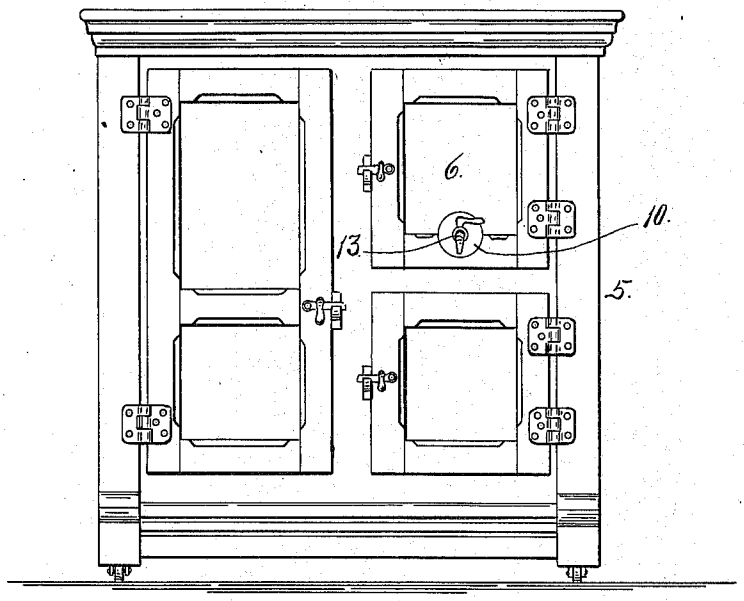

Fig. 1.

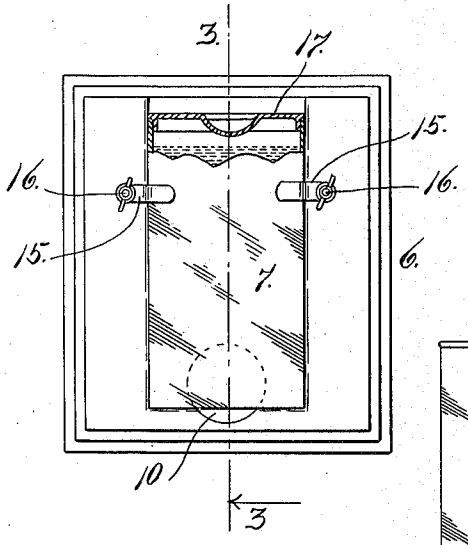

Fig. 2.

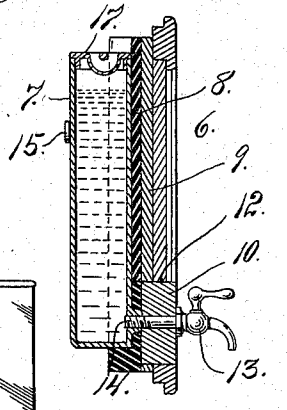

Fig. 3.

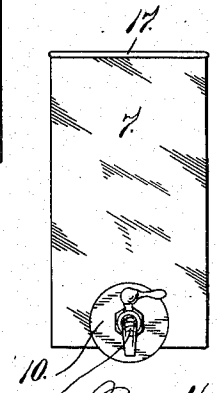

Fig. 4.

Witnesses

Otto E. Hoddick.

Dena Nelson.

Inventor

W. G. Wilson.

By A. D. Bowen

Attorney

UNITED STATES PATENT OFFICE.

WYLIE G. WILSON, OF DENVER, COLORADO.

REFRIGERATOR.

981,148. Specification of Letters Patent. Patented Jan. 10, 1911.

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To all whom it may concern:

Be it known that I, WYLIE G. WILSON, a subject of the King of Great Britain, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Refrigerators; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates generally to improvements in refrigerators but more specifically to a water cooler removably attached to the refrigerator, being preferably mounted upon the inner surface and set into the wall of a door thereof, the said cooler having a faucet protruding through an opening in the door to facilitate the drawing of water from the vessel. This faucet is set into a plug which fills the opening in the refrigerator door, the opening being large enough to allow the faucet to pass. The cooling vessel may take the place either entirely or partially of the usual packing applied to the inside of the door. The vessel may be attached to the door in any suitable manner as by pivoted hooks or buttons. The vessel is removable from the door by throwing these buttons to the unlocked position and then moving the vessel in a direction to cause the plug or block in which the faucet is located, to slip out of the opening in the door thus completely detaching the vessel when for any reason it may be necessary or desirable so to do.

Having briefly outlined my improved construction I will proceed to describe the same in detail reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing, Figure 1 is a front elevation of a refrigerator equipped with one form of my improvement. Fig. 2 is an interior view of a refrigerator door equipped with a water cooler. Fig. 3 is a section taken on the line 3—3 Fig. 2. Fig. 4 is a detail view of the cooling vessel. Figs. 2, 3 and 4 are shown on a larger scale than in Fig. 1.

The same reference characters indicate the same parts in all the views.

Referring first to Figs. 1 to 4 inclusive, let the numeral 5 designate a refrigerator and 6 one of the doors thereof. Applied to the inner surface of this door is a vessel or water receptacle 7. As shown in the drawing this receptacle is partially embedded in a thick lining or packing material 8 mounted upon the inner surface of the door whose wood portion is designated by the numeral 9. This packing may be of any desired thickness or entirely absent if deemed desirable. Attached to the lower part of the vessel is a circular block or plug 10 which fits into an opening 12 formed in the door. Through this block is passed a faucet 13 which is threaded into the vessel as shown at 14 and serves to attach the block thereto. This block aids in holding the vessel in place upon the door. Fastening buttons 15, however, are pivotally connected with the door on the inside as shown at 16 for further securing the vessel in place. The top of the vessel is provided with a removable cover 17 for purposes of filling.

From the foregoing description it will be understood that my improved water cooling vessel is readily attachable and detachable. This is an important feature since it greatly facilitates the work of both cleaning and repairing the device. When it is desired to fill the vessel it is only necessary to open the refrigerator door and remove the cap 17. When it becomes necessary to remove the vessel, it is only necessary to open the door, throw the buttons 15 to the unlocking position, and then move the vessel away from the inner surface of the door. In this event the plug 10 carrying the faucet readily slips out of the opening in the door.

It must be understood that my improved water cooling vessel may be applied to any part of the inner wall of a refrigerator, but it is preferably mounted upon a door thereof.

Having thus described my invention, what I claim is:

1. The combination with the door of a refrigerator, of a vessel carried by the inner surface of the door, and removably mounted thereon, the door having an opening in the lower part thereof, a faucet arranged on the receptacle to project through the said opening when the vessel is in position on the door, a plug carried by the faucet and of sufficient size to closely fit the opening when the faucet projects therethrough, and insulating material interposed between the receptacle and the door, and plug, and extend-

ing beyond the plug on all sides, to cover the one side of the receptacle, substantially as described.

2. The combination with the door of a refrigerator, of a vessel carried by the door, the door having an opening in the lower part thereof, a faucet arranged on the receptacle to project through the opening, a plug surrounding the faucet and of sufficient size to close the opening when the faucet projects therethrough, an insulating means extending beyond the plug on all sides and arranged to cover the entire side of the receptacle next to the door.

In testimony whereof I affix my signature in presence of two witnesses.

WYLIE G. WILSON.

Witnesses:
DENA NELSON,
A. J. O'BRIEN.