

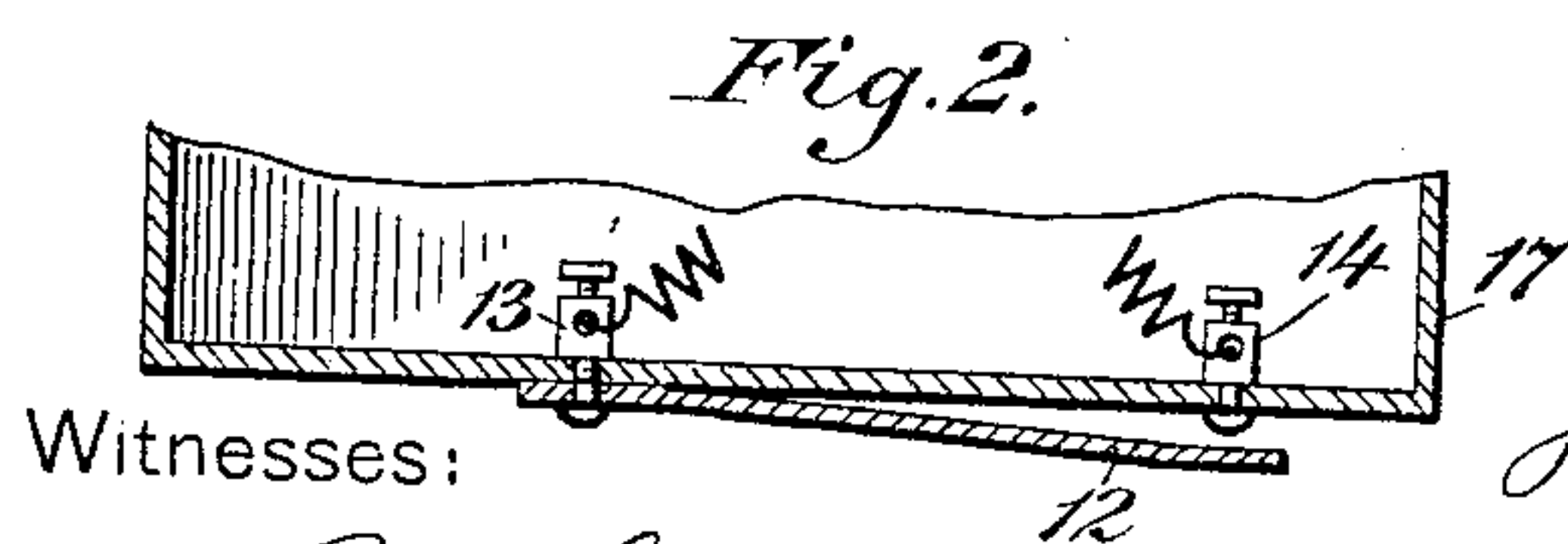
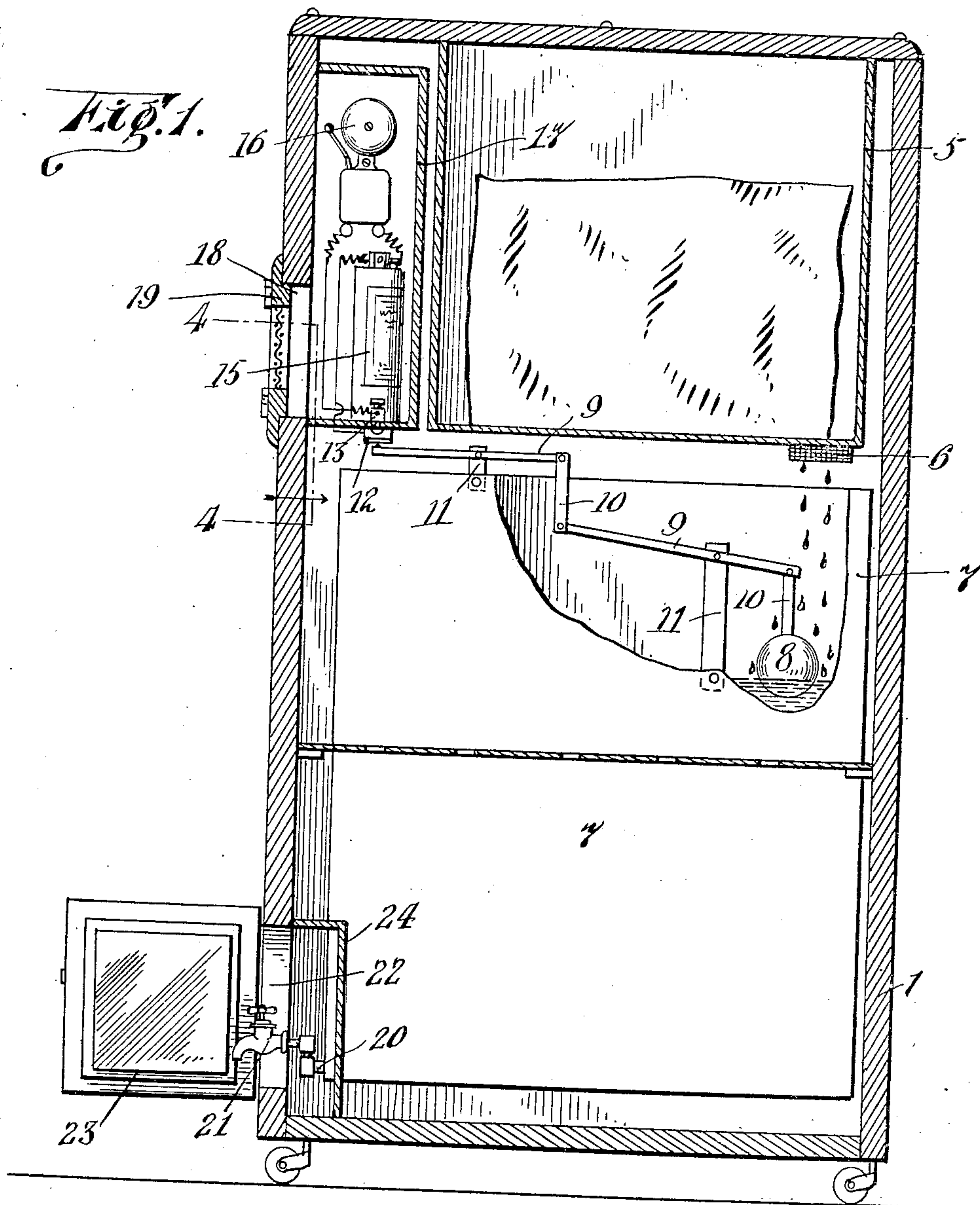
No. 898,231.

PATENTED SEPT. 8, 1908.

J. O. LA MADELEINE.

REFRIGERATOR.

APPLICATION FILED MAY 23, 1907.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH OVILA LA MADELEINE, OF MONTREAL, QUEBEC, CANADA.

REFRIGERATOR.

No. 898,231.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed May 23, 1907. Serial No. 375,192.

To all whom it may concern:

Be it known that I, JOSEPH OVILA LA MADELEINE, a subject of the King of Great Britain, residing at the city and district of Montreal, in the Province of Quebec, Canada, have invented certain new and useful Improvements in Refrigerators; and I do hereby declare that the following is 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.

My invention relates to refrigerators, especially of that class adapted for domestic uses. One object of my invention is to provide an alarm, and means for actuating the same when the water from the melted ice should be decanted to prevent overflow, which alarm is entirely within the casing, but which is readily accessible from the outside thereof, without deranging any of the other parts of the construction.

My invention consists of the construction, combination and arrangement of parts, as herein illustrated, described and claimed.

In the accompanying drawings, forming part of this application, I have illustrated one form of embodiment of my invention, in which drawings similar reference characters designate corresponding parts, and in which:

Figure 1 is a vertical section of a refrigerator showing the application of the invention. Fig. 2 is a fragmentary section through the lower part of the battery box only, taken approximately on the line 4—4 of Fig. 1, and showing the movable contact in detail.

Referring to the drawings, 1 designates a casing, which may be of any approved form or construction.

Disposed in the upper portion of the casing 1, is an ice receptacle 5, provided with a screen drain tube 6. Disposed beneath the drain tube 6 is a water receptacle 7, which extends entirely across the rear side of the casing 1, and to a point adjacent the bottom thereof. A float 8 is disposed at any desired point in the water receptacle 7, and is connected with a pair of levers 9 through the

medium of the links 10, which levers are supported on standards 11 secured at convenient points on the receptacle. One of the levers 9 is adapted to bear on a spring contact piece 12, which has one end secured by a binding post 13, and has its free end disposed adjacent to and adapted to contact with a binding post 14, which binding posts are electrically separated, except for the contact piece, and which binding posts are placed in a normally open circuit, including a battery 15 and a bell 16. The battery and bell are preferably placed within a casing 17 at the upper end of the casing 1. When the water rises to a predetermined height in the casing 7, the float 8 will be raised, and will cause a consequent movement of the upper lever 9 against the spring contact 12, causing it to close the circuit between the binding posts 13 and 14, and in that way the circuit is closed and the alarm given.

The casing 17 keeps the battery and bell dry, and the wall of the casing 1 adjacent the battery is provided with an opening 18, which is normally closed by a screen door 19. By this construction, ready access to the alarm mechanism is permitted without having to open the casing 1, thus preventing the escape of the cold air.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

A low water signaling device for refrigerators comprising in combination with a water receptacle an alarm, a normally open electric circuit including said alarm, a movable contact adapted to close said circuit, a float, a link connected to said float, a lever connected to said link, a second lever, and a second link connecting said first and second levers and parallel with the first link.

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

JOSEPH OVILA LA MADELEINE.

Witnesses:

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