

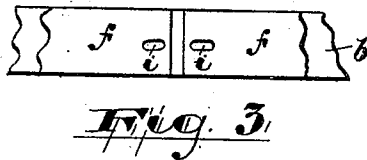
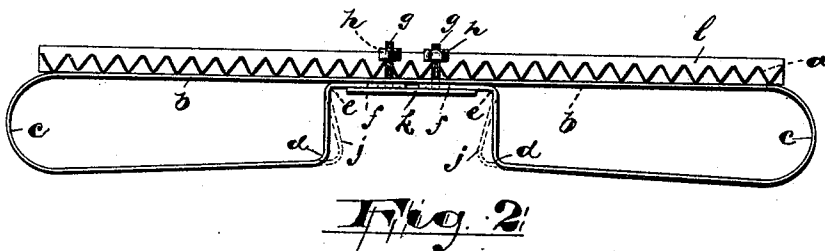
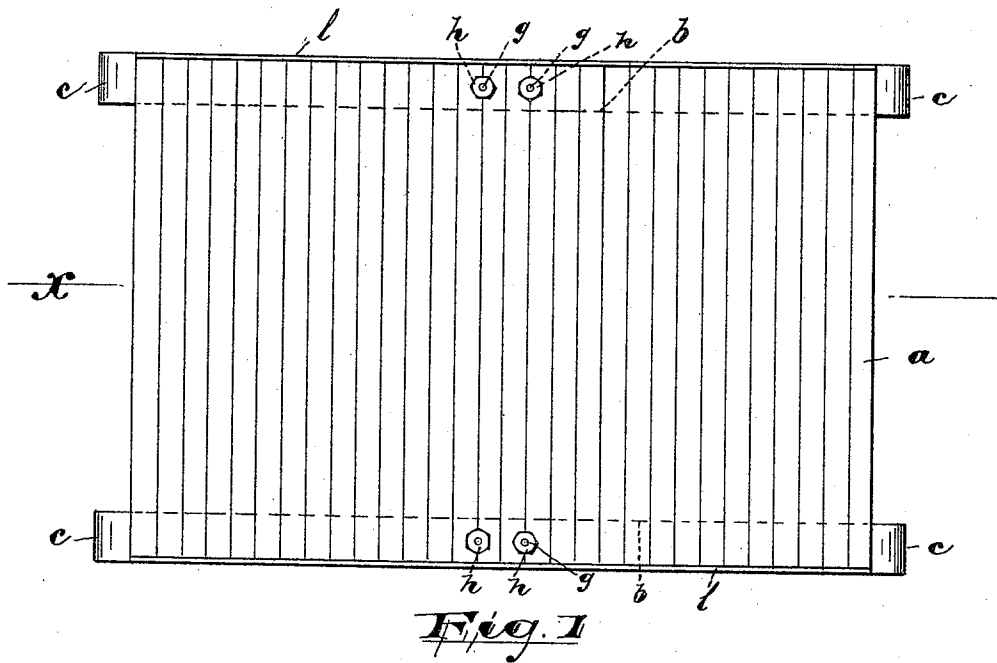
(No Model.)

G. L. LOBSITZ.

ICE SUPPORTING RACK FOR REFRIGERATORS.

No. 499,841.

Patented June 20, 1893.



Witnesses

Inventor _____

Oscar A. Michel.
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By Drake & Co. Atty's.

UNITED STATES PATENT OFFICE.

GEORGE L. LOBSITZ, OF NEWARK, NEW JERSEY.

ICE-SUPPORTING RACK FOR REFRIGERATORS.

SPECIFICATION forming part of Letters Patent No. 499,841, dated June 20, 1893.

Application filed February 16, 1893. Serial No. 462,634. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. LOBSITZ, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Ice-Supporting Racks or Tables for Refrigerators; and I do hereby 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 letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide an ice-supporting rack or table for refrigerators with spring bearings or supports in order to prevent the bottom of the ice chamber in refrigerators from being injured when heavy bodies of ice are allowed or happen to fall upon them, and to secure other advantages herein referred to.

The invention consists in the improved ice-rack or table, and in the arrangement and combination of the several parts thereof, as herein set forth and finally pointed out in the claims.

Referring to the accompanying drawings, in which like letters of reference designate corresponding parts in each figure where they occur, Figure 1 represents in plan an ice rack or table embodying my improvement, and Fig. 2 a section taken through the line *x* of the same and Fig. 3 is a detail in plan of the central portion of the device, looking upward.

In said drawings *a*, designates a corrugated top-plate, and *b*, spring-acting supports upon which the same is mounted and secured. Said supports are made preferably of flat plates of spring metal, their opposite ends being bent at *c* and again at *d* and *e* and their extremities *f* resting against the under side of the central portion of the plates upon which the corrugated top plate rests as will be understood upon reference to Fig. 2. Said extremities are secured to the said central portion by means of bolts and nuts *g*, *h*, the former passing through slots *i* in said extremities and through the said central portion of the supports and, in this instance, through the corrugated top plate, thus securing all the parts together, but so as to allow the slotted extremities to move freely in order to permit the spring action above referred to; if preferred rivets may be sub-

stituted for the bolts, &c., as will be understood. The said extremities however, may be secured rigidly if preferred and the same result will follow, as the vertical parts between *d* and *c* will yield, as will be understood by reference to the broken lines *j*, in said Fig. 2.

In securing the parts together at the center, I prefer to use a binding strap *k*, Fig. 2, and have the heads of the bolts countersunk therein, as shown. I also prefer to have face-plates *l*, firmly secured by solder, or otherwise, to the sides of the corrugated top plate so that the corrugations will form troughs to hold the water which drips from the ice and prevent it from flowing off the rack until the troughs are filled, the object being that the water as a non-conductor prevents, to a certain extent, the warm air which naturally rises from the food-chamber or compartment from melting the ice; and, as iced-water is a more rapid and efficient cooler than iced-air it follows that if the water be retained in the ice chamber it will serve not only to protect the ice but will aid in the cooling process or power thereof. The overflow of water will serve to keep the chambers sweet and the water in the troughs from becoming stagnant.

The corrugated top can be made of metal or wood and placed upon ordinary raised bars or supports or upon the bottom of any ice chamber or box without other supports if desired.

Having thus described my invention, what I claim is—

1. The improved ice rack or table herein described, consisting of a corrugated top plate *a*, spring supports *b*, secured thereto and face plates *l*, secured to said rack or table; said parts being combined and arranged to operate as and for the purposes set forth.

2. An ice rack or table having a series of troughs or receptacles in the top thereof, means whereby said troughs are rendered capable of holding water to their full capacity or depth and means for supporting the troughs, as described and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of February, 1893.

GEORGE L. LOBSITZ.

Witnesses:

A. R. DENMAN,
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