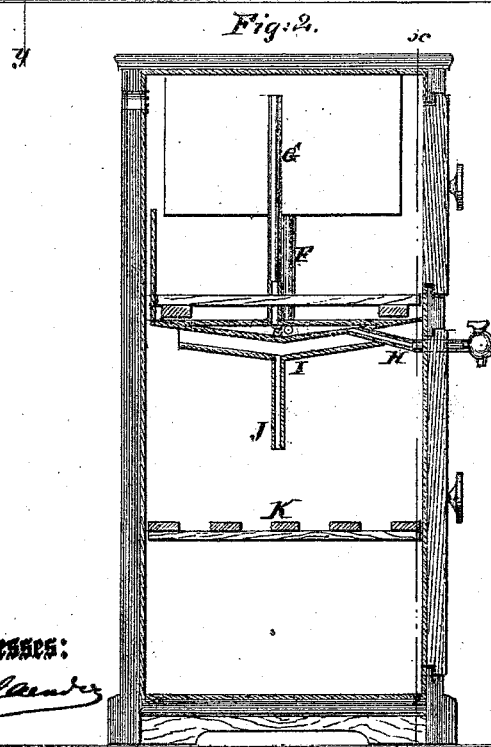
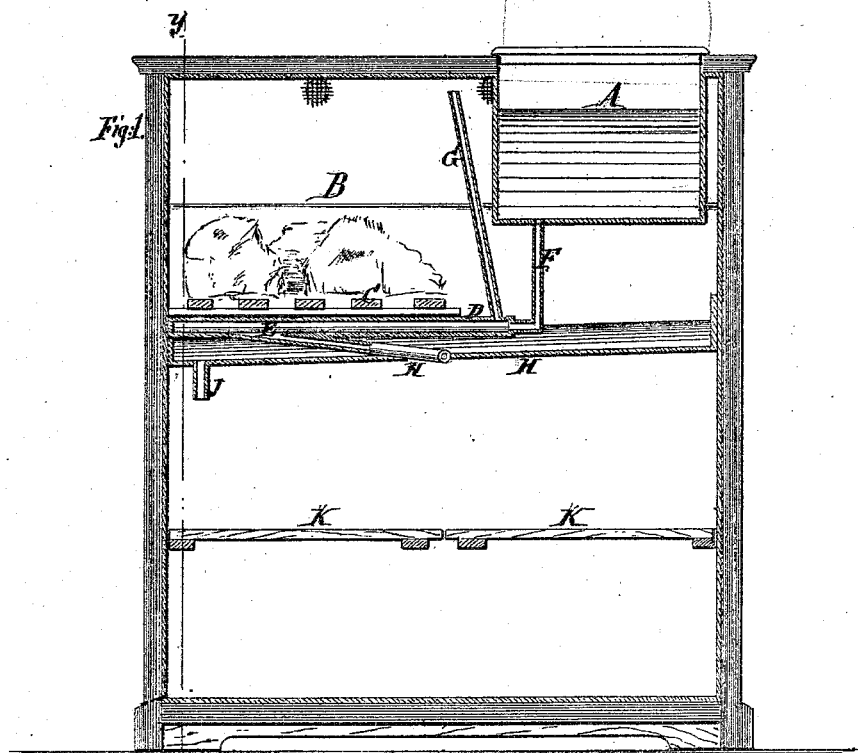


CHARLES L. ANDERSON & A. BOGARDUS.

Improvement in Refrigerators.

No. 115,804.

Patented June 13, 1871.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

CHARLES LEWIS ANDERSON AND ALFRED BOGARDUS, OF YONKERS, N. Y.

IMPROVEMENT IN REFRIGERATORS.

Specification forming part of Letters Patent No. 115,804, dated June 13, 1871.

To all whom it may concern:

Be it known that we, CHARLES LEWIS ANDERSON and ALFRED BOGARDUS, of Yonkers, in the county of Westchester and State of New York, have invented a new and useful Improvement in Refrigerators; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in refrigerators for domestic use, having reference to a refrigerator for which Letters Patent were granted, No. 68,269, of which patent we are sole owners; and consists in the arrangement of a refrigerating-chamber for cooling water, as will be hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a longitudinal vertical section of the refrigerator taken on the line *x x* of Fig. 2. Fig. 2 is a vertical cross-section taken on the line *y y* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is a water-reservoir. B is the ice-box. C is a loose rack in the ice-box for keeping the ice from the metallic bottom D. E is a refrigerating-chamber directly beneath the bottom D of the ice-box. F is a pipe, which conducts the water from the reservoir A into the

chamber E. G is an air-tube, (open at the top end,) connecting with the chamber E for discharging the air as the chamber is filled with water. H is a pipe connecting with the chamber, through which the cooled water is delivered for use at the front of the refrigerator, as seen in Fig. 2. I is a pan running lengthwise of the refrigerator, beneath the chamber E, for catching any water of condensation which may drip from the bottom of the chamber. This water is conducted off through the pipe J. K K are shelves in the refrigerator, for supporting food or other articles.

We do not claim the construction or general arrangement of the compartments of the refrigerator.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The water-refrigerating chamber E, placed between the ice and provision chambers, and having the air-pipe G, supply-pipe F, and discharge-pipe H, all arranged as and for the purpose specified.

The above specification of our invention signed by us this 2d day of March, 1871.

CHARLES LEWIS ANDERSON.
ALFRED BOGARDUS.

Witnesses:

GEO. W. MABEE,
ROBERT M. HILLARD.