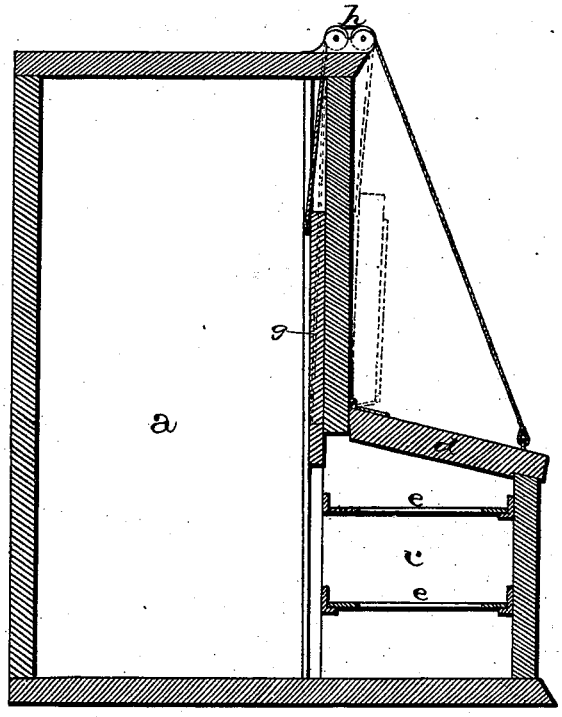
R. SPENCER.
Refrigerator.

No. 209,934. Patented Nov. 12, 1878.



WITNESSES

J. Wm. Garner

Albert J. de Guyk

INVENTOR.

Robert Spencer

per

F. A. Lehmann, Atty

UNITED STATES PATENT OFFICE.

ROBERT SPENCER, OF COLUMBUS, OHIO.

IMPROVEMENT IN REFRIGERATORS.

Specification forming part of Letters Patent No. **209,934**, dated November 12, 1878; application filed May 23, 1877.

To all whom it may concern:

Be it known that I, ROBERT SPENCER, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in refrigerators; and it consists in forming an offset on the side of a large cooler or refrigerator, in which small articles are kept, there being a sliding door between the two, which is operated by the door of the offset, so as to prevent the cool air from the refrigerator from escaping when the offset is opened, as will be more fully described hereinafter.

The accompanying drawing represents my invention.

a represents a large refrigerator or cooler, such as is used by butchers to keep their meat in, and which may be of any size, shape, or construction desired. On one side of this cooler, at its bottom, is built the offset *c*, of suitable size, which is provided with a falling cover, *d*, and the shelves *e*. The wall of the cooler is cut away to a suitable extent where it forms the back of this offset, so that the cool air from the refrigerator will fill the offset and preserve articles placed in it as well as in the cooler itself. In this offset are to be kept small perishable articles, such as are frequently wanted, so that they can be gotten at any moment without having to open the door of the cooler itself, thereby letting warm air and flies in.

Sliding in suitable guides inside of the cooler, so as to snugly close the opening between the offset and the cooler, is the door *g*, which has a rope attached to it, and this rope passes up through a hole in the roof of the cooler, over one or more pulleys, *h*, and passes down and is fastened to the top of the cover *d*. As the cover and the door nicely balance each other, when the cover is raised the door closes the opening, and when the cover is closed the door is raised. Thus it will be seen that when the door of the offset is raised all communication with the cooler is shut off, so that no warm air or flies can get into the cooler, even should the offset be left open for days, and that as soon as the cover is closed the cool air of the cooler at once flows in.

Having thus described my invention, I claim—

In a refrigerator, the combination of the cooling-chamber *a*, offset *c*, door *d*, connecting rope or chain, slide *g*, and pulleys *h*, the door *d* and slide *g* being so connected that when the door is raised or lowered upon its hinges the slide will move vertically down or up, whereby warm air is prevented from passing into the chamber *a* when the door *d* is raised, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of May, 1877.

ROBERT SPENCER.

Witnesses:

ALEXANDER H. FRITCHEY,

J. A. MUTCHMORE.