

(No Model.)

J. HAMMERL.
REFRIGERATOR DOOR.

No. 306,245.

Patented Oct. 7, 1884.

Fig. 1.

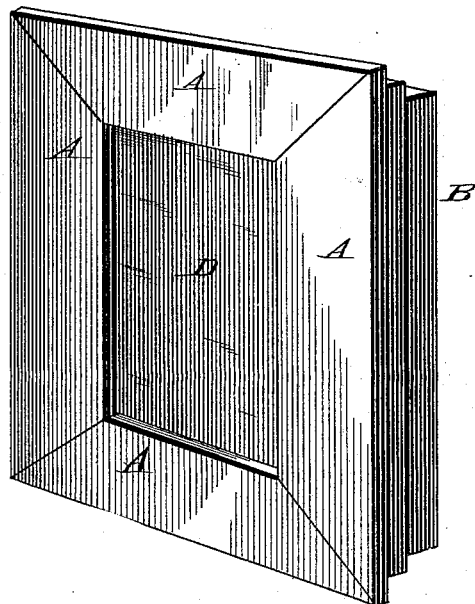


Fig. 3.

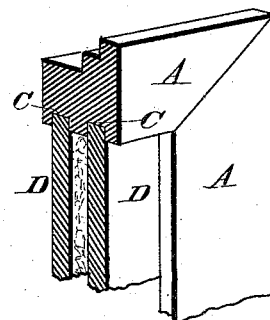
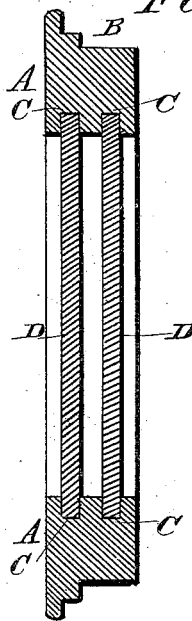


Fig. 2.



WITNESSES:

Thos. G. Dietrich,
Wm. Bagger.

Joseph Hammerl,
INVENTOR,
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH HAMMERL, OF LONG ISLAND CITY, NEW YORK.

REFRIGERATOR-DOOR.

SPECIFICATION forming part of Letters Patent No. 306,245, dated October 7, 1884.

Application filed June 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH HAMMERL, a citizen of the United States, and a resident of Long Island City, in the county of Queens and State of New York, have invented certain new and useful Improvements in Refrigerator-Doors; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved door for refrigerators. Fig. 2 is a transverse vertical sectional view of the same, and Fig. 3 is a perspective detail view.

The same letters refer to the same parts in all the figures.

This invention relates to doors for refrigerators, ice-boxes, and the like; and it has for its object to provide a door of this kind which shall possess superior advantages in point of simplicity, durability, and general efficiency.

To this end the invention consists in the improved construction and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A A A A designate the four stiles of my improved refrigerator-door. These stiles, the ends of which are mitered, so as to adapt them to be connected or secured together in the usual manner, are formed on their outer sides or edges with shoulders B, whereby they are adapted to fit against a series of corresponding shoulders formed in the edges of the door-opening, as is usual in this class of devices, for the purpose of forming a tight joint. The inner sides or edges of the stiles A are provided with grooves or rabbets C, which may be two or more in number.

D D designate the panels, of which two or

more may be used, according to the number of grooves or rabbets C formed in the stiles A, in which the said panels are fitted, after which the stiles are to be connected or secured together in any suitable manner. Packing of any kind may, when desired, be interposed between the several panels, in order to increase the non-conducting qualities of the door; but such packing may be dispensed with when desired, and it forms no part of my invention.

The operation and advantages of this device will be readily understood without requiring extended explanation.

The construction of the door is simple, it being ordinarily composed of only six pieces—namely, the four stiles and two panels. It is therefore inexpensive, and the joints being few in number, and of a nature to render them as tight or close as possible, the door is as nearly air-proof as it is possible to construct a door of this class.

I am aware that Letters Patent No. 288,427 were granted to Sylvester Gray on the 13th day of November, 1883, for a refrigerator-door in which a zinc plate is secured in the inner side of the door, its edges fitting in grooves in the frame of the door, and I do not wish to claim such construction, broadly; but

I claim—

An improved door for refrigerators and the like, consisting of stiles having shouldered outer edges and rabbeted inner edges, in combination with a series of two or more panels seated in said rabbets or grooves, substantially as herein described, for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOSEPH HAMMERL.

Witnesses:

ARTHUR RUSSELL,
C. WILLIAMSON.