

*F. Allen,*

*Refrigerator.*

*No. 110328.*

*Patented Dec. 20. 1870.*

Fig. 1.

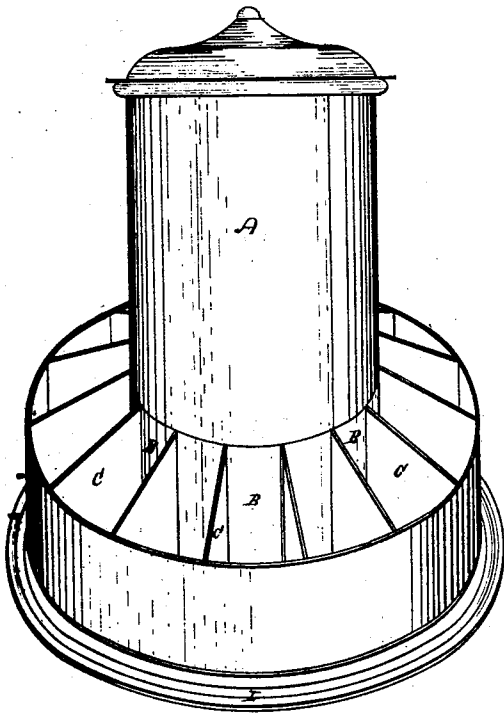
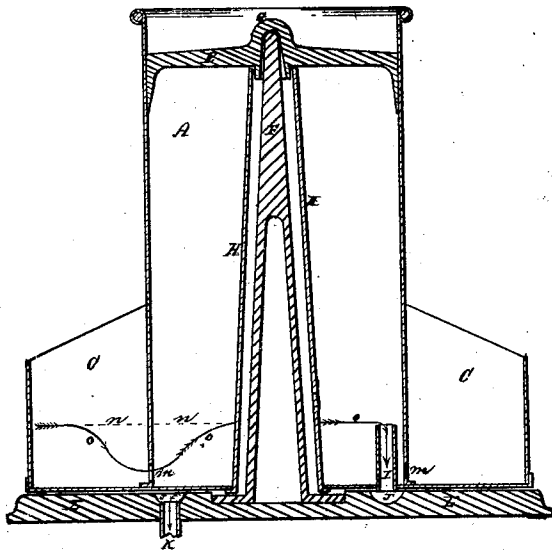


Fig. 2.



*J. B. McIntosh Pat. m. v.*  
*Brie Pa.*

*J. K. Hallock Sol. Pat.*  
*Brie Pa.*

Witnesses.

*John K. Hallock*  
*M. Force*

*Frank Allen*

# United States Patent Office.

FRANK ALLEN, OF ERIE, PENNSYLVANIA.

Letters Patent No. 110,328, dated December 20, 1870.

## IMPROVEMENT IN REVOLVING REFRIGERATORS.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, FRANK ALLEN, of the city and county of Erie, State of Pennsylvania, have invented a new and improved Refrigerator; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and the letters of reference marked thereon.

The drawing forming a part of this specification represents my invention, as follows:

Figure 1 is a perspective view of the same.

Figure 2 is a perpendicular sectional view of the same.

The nature and object of my invention consist in constructing a refrigerator with an ice-chamber with pockets constructed around the same, which are to be used as receptacles for bottles of liquor or any vessels containing matter which it is desired to keep at a low degree of temperature.

A full description of the construction and operation of my invention is as follows:

I first construct a base or stand, L, in the center of which is erected a conical-shaped standard, F, and around which I construct a groove, J, with an exit-pipe, K, leading therefrom.

I next construct the body of my refrigerator, which consists of the ice-chamber A, surrounded by the pockets B B B, &c.

In the center of the ice-chamber A is a core, H, opening at the bottom, but closed at the top by the cross-stay E, at which point the refrigerator is pivoted on the conical standard F.

The ice-chamber is connected or communicates with the surrounding pockets B B B, &c., by orifices *m m*, &c.

To prevent the water made from the melting ice rising too high in the pockets I place in the ice-chamber a waste-pipe of just the height required, which discharges into the groove or gutter J before mentioned.

I is the waste-pipe, which, it will be seen, rises only to the height of the water-line *n n*.

When my invention is in operation the chamber is filled or contains ice, the melting of which fills the pockets with ice-water up to the water-line *n n*, and hence bottles or vessels of any kind placed in the pockets are surrounded with ice-water and their contents kept cool.

The refrigerator thus constructed, and its pockets filled, being pivoted as described, can be easily revolved, and the package containing the liquor or matter desired can be brought next to the operator.

My refrigerator is designed principally for use in dining or drinking saloons, but it may have a diversity of uses.

What I claim as my invention is as follows:

The ice-chamber A, with the pockets B B B, &c., constructed as described, in combination with the base L, guttered as described, and the standard F, arranged and operated as and for the purposes set forth.

FRANK ALLEN.

Witnesses:

JNO. K. HALLOCK,  
N. B. FORCE.