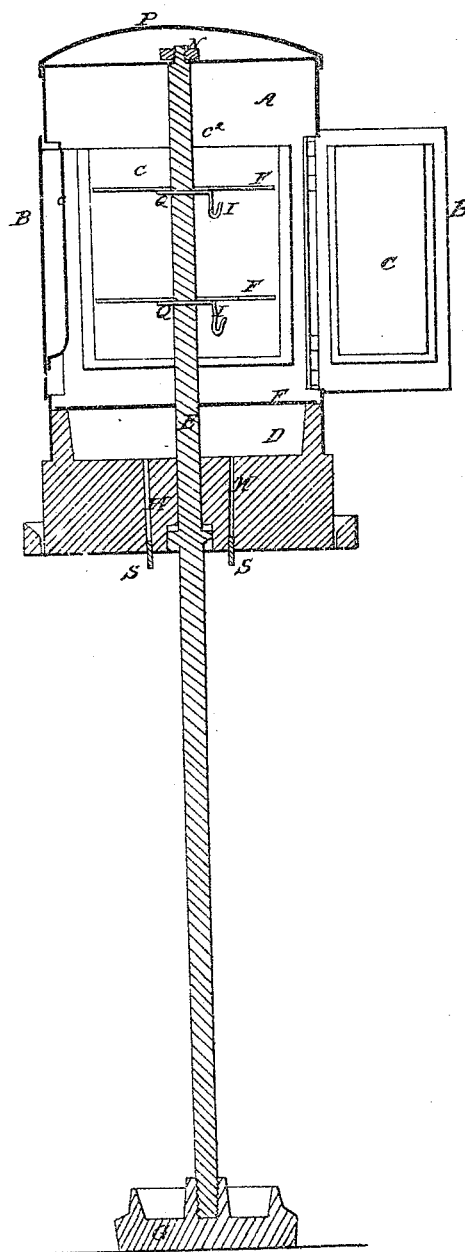


D. B. DICKINSON.
Refrigerator.

No. 2,719.

Patented July 16, 1842.



UNITED STATES PATENT OFFICE.

DAVID B. DICKINSON, OF BALTIMORE, MARYLAND.

SAFE FOR PRESERVING MEATS, &c.

Specification of Letters Patent No. 2,719, dated July 16, 1842.

To all whom it may concern:

Be it known that I, DAVID BILL DICKINSON, of the city of Baltimore and State of Maryland, have invented a new and useful
5 Portable Rotary Refrigerator and Protector of Meats, &c., Against Ants and other Vermin; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a vertical section through the center of the refrigerator.

The nature of my invention consists in
15 constructing a circular cylinder A in the shape of a barrel or hogshead or other shape, with a flat or oval top, with one or more doors B, for the purpose of placing and removing articles to be preserved. The
20 inner sides *c* of the cylinder as well as the doors B are provided with boxes or pockets *c* to contain charcoal or other nonconducting matter; and at the bottom of the cylinder there is also a space or box D constructed so as to contain ice. A vertical iron
25 shaft E on which the cylinder A revolves containing shelves F and hooks I for the purpose of holding such articles as may be placed there for preservation made of sufficient size and strength to support the whole
30 structure and is fastened into and rests upon a base of marble or iron G constructed concave on the upper side so as to hold water, which water may be supplied by the melting
35 of the ice contained in the cylinder, the bottom of the cylinder being pierced with holes H for the escape of the water, said holes being supplied with stoppers S which may be inserted or removed at pleasure so that the
40 water formed by the melting or dissolving of the ice may be let down into the afore-said concave marble or iron base. The whole cylinder by removing a nut N at the
45 top may be removed from the shaft for cleaning, repairing or otherwise. Said nut serving also to confine the cylinder to the head of the shaft being screwed thereon above the head of the cylinder, over which
50 is placed a concave cap P. The upper part of the shaft may be reduced in size where it passes through the cylinder forming a shoulder on which the cylinder turns horizontally. The shoulder for the support of the cylinder may however be formed in any
55 convenient mode. The cylinder is turned around upon this shaft in order to bring its

door or doors B opposite to any article or articles placed upon the fixed shelves F or hooks I of the shaft E, that ready access may be had. The cylinder may be turned
60 with considerable velocity in order to ventilate it, both doors being left open during this operation.

The shelves are horizontal and are attached to the shaft in any convenient manner, either by horizontal arms or pins Q
65 inserted through the shaft directly under the shelves and on which they rest or by washers or plates or flanges, or by any suitable means, the perforation for the shaft being in the center of such size that the shelves
70 may be easily taken from the shaft to be cleaned. They may be round, oval square or of other shape.

The hooks I on which articles are suspended for preservation may be attached to
75 the shaft or arms on which the shelves rest or other convenient place so that they may be easily removed for the purpose of being cleaned.

The openings for the doors of the cylinder may be covered with gauze or other
80 reticulated substance to admit air and at the same time exclude vermin while the doors are left open.

The cylinder and shelves constructed as above described may be easily separated
85 from the shaft for the purpose of being cleansed and when cleansed may be replaced in a few moments.

The advantages possessed by the before described portable revolving refrigerator
90 and safe over those of the ordinary construction are numerous.

The shelves may be turned instead of the
95 cylinder, if preferred, to have access to the articles thereon.

What I claim as my invention and which I desire to secure by Letters Patent is—

Constructing the combined refrigerator
100 and safe so as to revolve on a fixed vertical shaft for obtaining ready access to the articles placed therein for preservation and for the purpose of ventilating the same and likewise so that the several parts may be readily
105 separated from the shaft to be cleansed and put together with facility in the manner hereinbefore described and set forth.

DAVID B. DICKINSON.

Witnesses:

WM. P. ELLIOT,
EDMOND MAHER.