F. TUREK.

BEER COOLER.

APPLICATION FILED DEC. 6, 1912.

1,077,015. Patented Oct. 28, 1913.

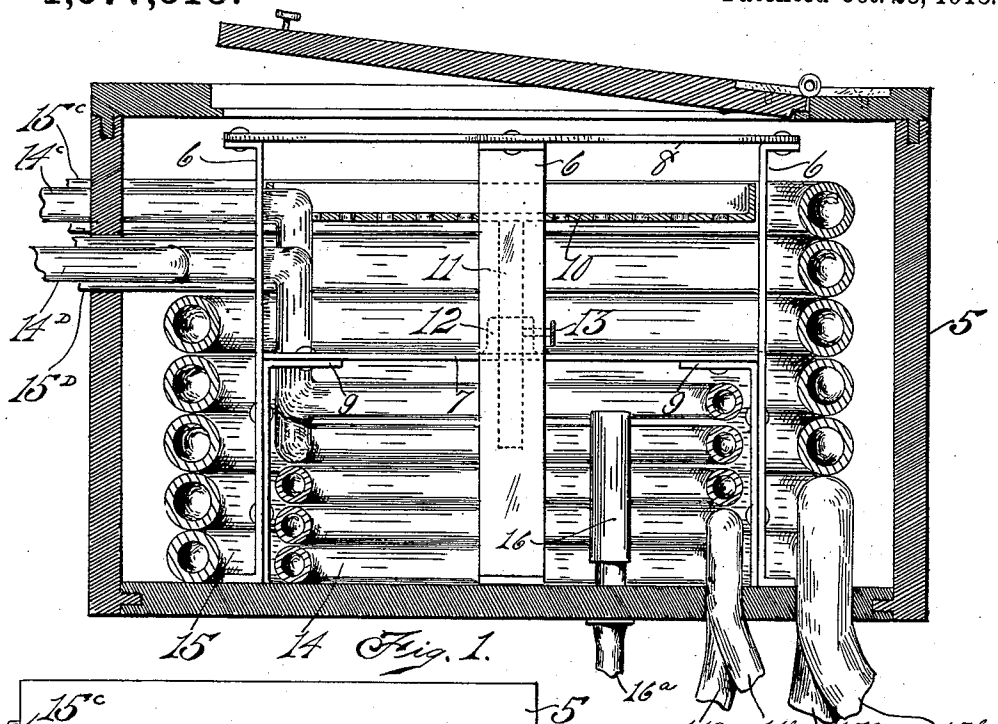


Fig. 1.

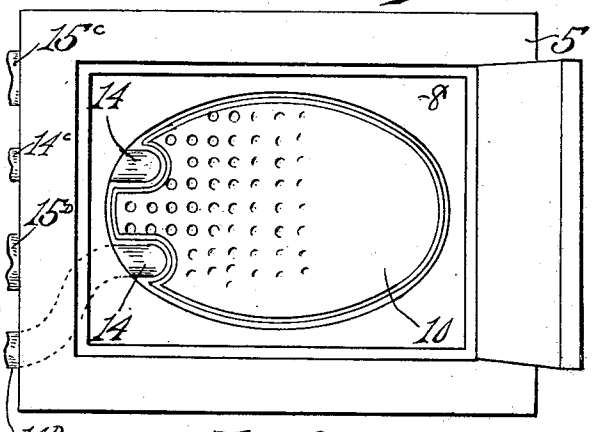


Fig. 2.

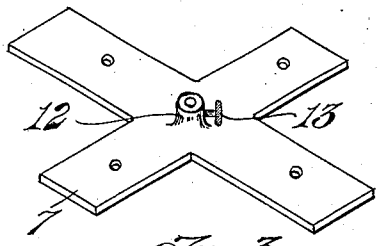


Fig. 3.

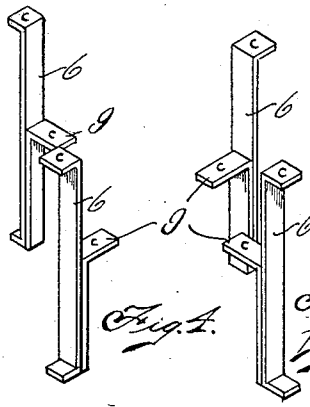


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

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BEER-COOLER.

1,077,015. Specification of Letters Patent. Patented Oct. 28, 1913.

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To all whom it may concern:

Be it known that I, FERDINAND TUREK, citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Beer-Coolers, of which the following is a specification.

This invention relates to beer coolers or similar devices in which the liquid to be cooled is passed through a coil located in the refrigerating chamber, and the object of the invention is to provide improved means for supporting the ice in position with respect to the coils, by means of a tray mounted on a support in the upper part of the chamber, above the coils, which are cooled by the air circulation as well as by the meltage from the ice.

An embodiment of the invention is illustrated in the accompanying drawings in which—

Figure 1 is a vertical sectional view of the refrigerating chamber and coils, and the ice support. Fig. 2 is a top view of the refrigerating chamber or box. Fig. 3 is a detail in perspective of a supporting member, and Fig. 4 is a detail in perspective of the legs on which said member is mounted.

Referring specifically to the drawings, 5 indicates an inclosing casing or box containing the coils 14 and 15 arranged vertically therein. Inlets 14^a and 14^b and outlets 14^c and 14^d may be for seltzer or other liquid, and inlets 15^a and 15^b and outlets 15^c and 15^d for beer, the coils being preferably arranged one within the other, that is to say the coils 14 are arranged within the coils 15, with inlets at the bottom through the bottom of the box and outlets at the top. The two sets of coils are spaced apart far enough to receive therebetween the legs 6 which are connected at the top by a frame 8. These legs support the brackets 9, fixed thereto by riveting or otherwise, and on the brackets are mounted a cross shaped plate 7 having at the center a nipple 12 which receives the standard 11 on the upper end of which is mounted a perforated tray 10, at standard being fixed at adjustment by a set screw 13 whereby the tray can be raised or lowered to hold more or less ice. The legs and the tray supported thereby can be lifted out of the box through the opening in the top thereof, which opening may be closed when desired, in any suitable manner. The cracked ice is placed in the tray 10, and as it melts the water falls onto the coils below thereby cooling the same and cooling the air within the box. The frame 8, which connects the legs 6 at the top, also serves the purpose of preventing any of the cracked ice from being scattered down the sides of the casing as the ice is placed on the tray 10.

16 indicates an overflow pipe.

The interior of the box can be readily cleaned by lifting out the tray and its supports, permitting water to be flushed over the coils and through the box, which will be provided with a suitable outlet for waste, as shown at 16^a.

The device will be found very convenient for use in bars and other places where liquids are dispensed and the removable ice support is much more convenient and sanitary than fixed ice chambers or holders.

What I claim is new is:

1. A cooler for liquids, comprising a box, a pipe coil therein, and an ice support comprising legs standing beside the coil, a frame connecting the upper ends of the legs, a plate supported between said legs, and a perforated tray supported by the plate above the coil and below the frame, the tray being adjustable up and down to vary its position in the box.

2. A cooler for liquids, comprising a box, inner and outer sets of pipe coils therein, legs standing between the sets of coils and removable therefrom, a plate supported by the legs, and a perforated tray supported by the plate above the inner coil and removable with the legs through the top of the box.

In testimony whereof, I do affix my signature in presence of two witnesses.

FERDINAND TUREK.

Witnesses.

JOHN A. BOMMHARDT,

STEDMAN J. ROCKWELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."