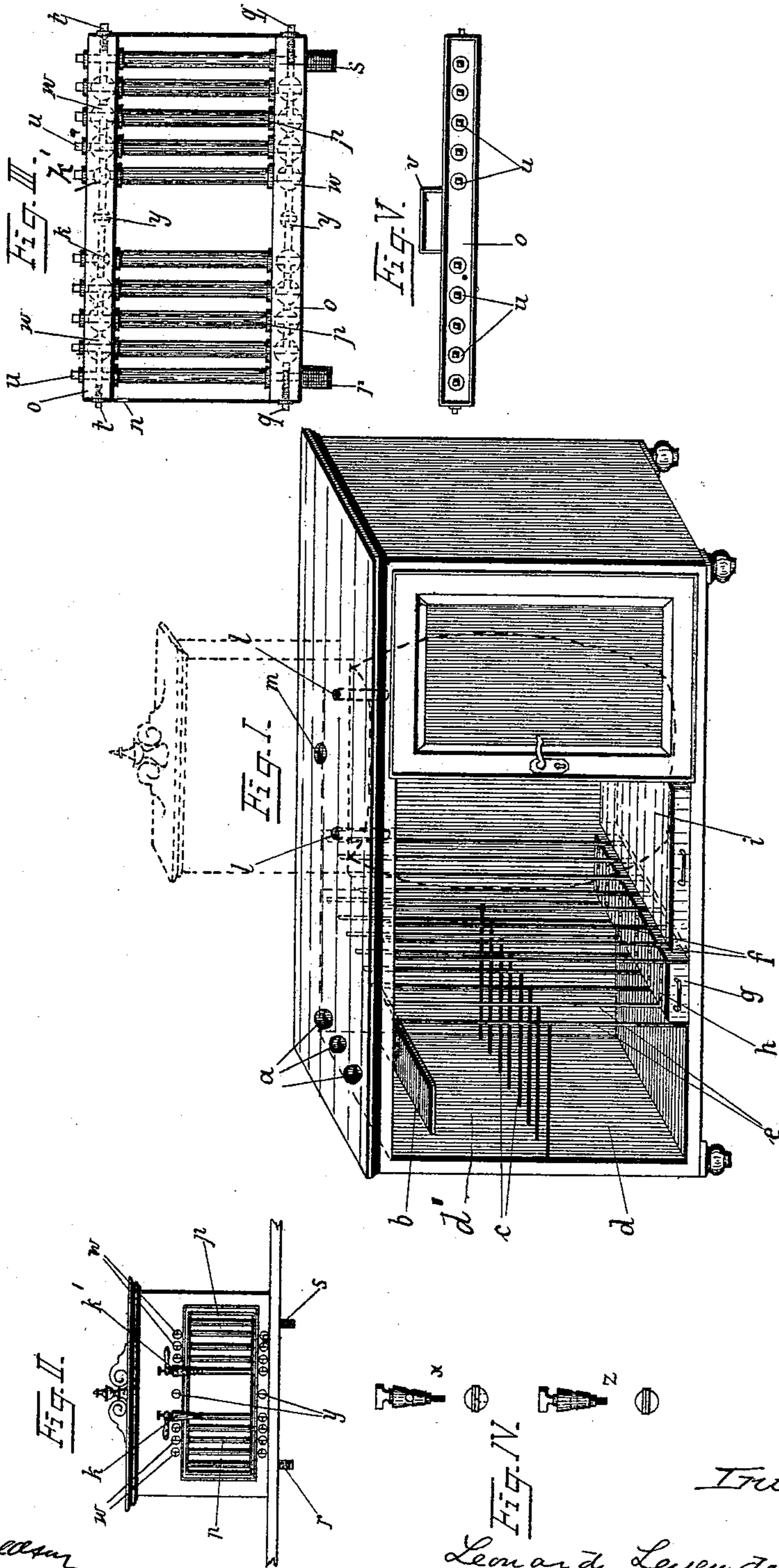


(No Model.)

L. LEYENDECKER.
REFRIGERATOR AND BEER COOLER.

No. 525,787.

Patented Sept. 11, 1894.



Attest

Walter D. Hall

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Fig. IV.

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ATTY.

Inventor

UNITED STATES PATENT OFFICE.

LEONHARD LEYENDECKER, OF CRONENBERG, NEAR ELBERFELD, GERMANY.

REFRIGERATOR AND BEER-COOLER.

SPECIFICATION forming part of Letters Patent No. 525,787, dated September 11, 1894.

Application filed August 15, 1893. Serial No. 483,223. (No model.)

To all whom it may concern:

Be it known that I, LEONHARD LEYENDECKER, inn-keeper, a subject of the King of Prussia, and a resident of Cronenberg, near Elberfeld, in the Kingdom of Prussia, German Empire, have invented a certain new and useful Transportable Refrigerator in Combination with a Beer-Cooler, of which the following is a specification.

My invention relates to a combined refrigerator and beer cooler, and the object of the invention is to provide a refrigerator of neat and attractive appearance which can be used as a buffet, and which includes in its construction a detachable beer cooler of ornamental construction and one which may be readily cleansed.

The invention is illustrated in the accompanying drawings, in which—

Figure 1, is a perspective view of the refrigerator proper showing all the doors but one removed. The beer cooler and beer barrel are shown in dotted lines in this figure. Fig. 2, is an elevation of the beer cooler seated upon a portion of the top of the refrigerator. Fig. 3, is an enlarged view of the cooling tubes alone. Fig. 4, is a detail view of the three way cock and the dividing stop cock, and Fig. 5, is a plan view of the brass partitions of the beer cooler.

Referring more particularly to the drawings, the refrigerator which is shown in Fig. 1, is provided with two rows of vertical zinked iron rods *e f*, providing a space or compartment between them in which the ice is placed upon a fixed zinc plate *h*. A drawer *g* of sheet zinc is provided below this plate to receive the drip water from the ice. The space upon one side (the left hand side in Fig. 1) is divided by horizontal rods *e* into upper and lower compartments *d'* and *d* respectively for the reception of various articles as may be desired, the rods *c* extending between the vertical rods *e* and the side wall of the refrigerator thus forming a shelf. A plate or shelf, preferably of glass, is secured to the side wall of the refrigerator a short distance below the top, as shown at *b* and the top of the refrigerator is provided with a series of openings *a*, into which liquor and other bottles may be inserted.

The space upon the opposite side of the ice

compartment is designed for the reception of a beer barrel, and for this purpose is provided with a thick zinked wooden plate *i* for the barrel to rest upon.

The beer cooler, shown in elevation in Fig. 2, is designed to be placed upon the top of the refrigerator, and is provided with a suitable ornamental casing to give the whole article the appearance of a buffet. The cooler proper comprises the horizontal tubes *o* of brass or other suitable material which are connected by vertical glass tubes *p* securely fastened thereto in any desirable manner and the whole surrounded by a water tight casing by means of which the tubes through which the bar passes may be kept constantly surrounded by ice water.

The lower brass tube is provided with depending tube ends *r, s*, designed to project down through the opening *l*, as shown in Fig. 2, where one or both may be connected to a beer barrel or beer barrels to operate as hereinafter described.

The entrance ways from the projecting ends *r, s*, to the glass tubes, shown in dotted lines in Fig. 3, are provided with screw plugs *q* by means of which they may be opened or closed at will to turn on or cut off the flow of the beer. Similar screw plugs *t* are provided at the upper brass tube.

Each brass tube is provided with three way cocks *w*, of substantially the ordinary construction, corresponding in number to the vertical glass tubes, and being arranged in line therewith. These three way cocks are arranged and adapted to be placed in one position to cause the beer to pursue a zig-zag course up through one glass tube, along the upper brass tube to the next glass tube, down that to the lower one, and so on to the outlet, or one or more of the glass tubes may be cut out by turning the cocks so that an uninterrupted passage is provided through the brass tube.

In the present drawings the tubes are shown as arranged in two sets, one upon the left and the other upon the right having their respective inlets *r* and *s* and their respective outlet cocks or faucets *k* and *k'*, suitable cut off cocks being provided at *y* to separate the two sets.

In the operation of the device the tubes *r*

and *s* are one or both connected in any well known manner, to a barrel or barrels of beer within the refrigerator, and with the valves *q t* open, the valves *y* closed, and the three
 5 way cocks adjusted to the positions indicated by dotted lines in Fig. 3, the course of the beer will be up through its inlet *r* or *s*, and up through its outside vertical tube, then across to the next tube and down through that,
 10 across to the third and up through that and so on until the cock *k* or *k'* is reached, being cooled in its passage by the ice water which surrounds the tubes. If desirable some of the tubes may be cut out by turning the
 15 three way cocks so that a continuous passage-way is formed through one of the brass tubes. Ice water may be poured into the casing through a suitable inlet *v* an overflow opening being provided as shown at *n*.
 20 In order that the device may be readily cleansed the side-walls of the casing are made removable and closing screw plugs *u* are provided for openings in the brass tubes in line with the glass tubes, and these may be re-
 25 moved to give ready access to the interior of said tubes.

Having thus described my invention, what I claim is—

1. In combination, the refrigerator adapted
 30 to contain a beer barrel and having openings in its top, a casing mounted thereon for containing a cooling agent, horizontal tubes located therein, vertical tubes connecting the

same, depending tubular projections adapted to project through said openings for connect- 35 ing the outer vertical tubes with the beer barrel, three way cocks controlling the junction of the vertical and horizontal tubes for cutting out and throwing in any of the vertical tubes, and outlet cocks connected to the in- 40 ner tubes, substantially as described.

2. In combination, the refrigerator adapted to contain a beer barrel and having openings in its top, a casing for containing a cooling agent mounted thereon, said casing having 45 removable side walls, horizontal brass tubes located in said casing, two sets of vertical glass tubes connecting the same, depending tubular projections adapted to project through said openings for connecting the outer tubes 50 with the beer barrel, three way cocks controlling the junction of the vertical and horizontal tubes, stop cocks located at the junction of the outer tubes and horizontal tubes, cut off valves located in the horizontal tubes 55 dividing the two sets, and outlet cocks connected to the inner tubes, substantially as described.

In witness whereof I have hereunto signed my name in the presence of two subscribing 60 witnesses.

LEONHARD LEYENDECKER.

Witnesses:

RUDOLF FRICKE,
 PAUL HARMROTH.