

(No Model.)

H. NADORFF.

BEER COOLER.

No. 305,952.

Patented Sept. 30, 1884.

Fig. 1

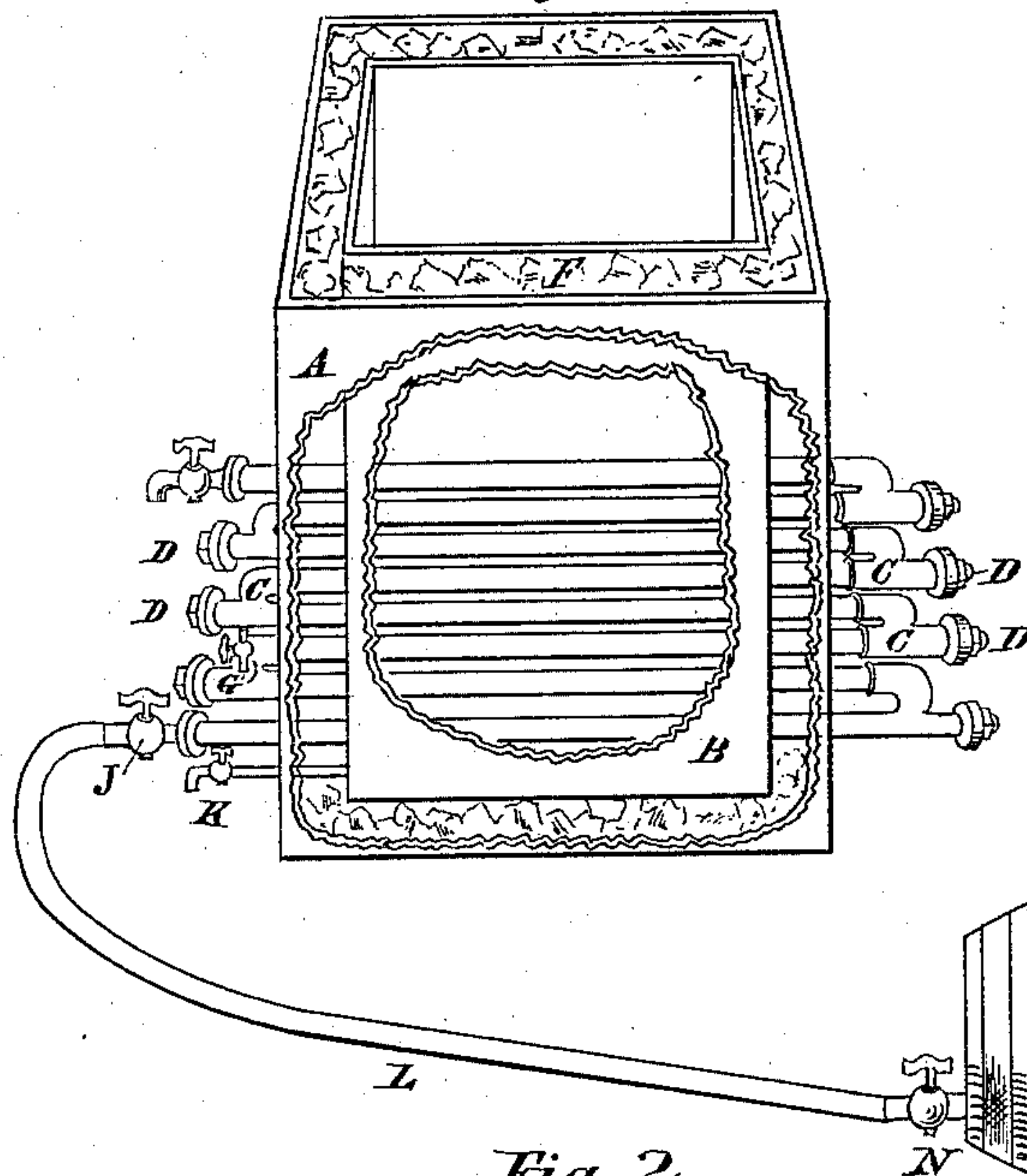
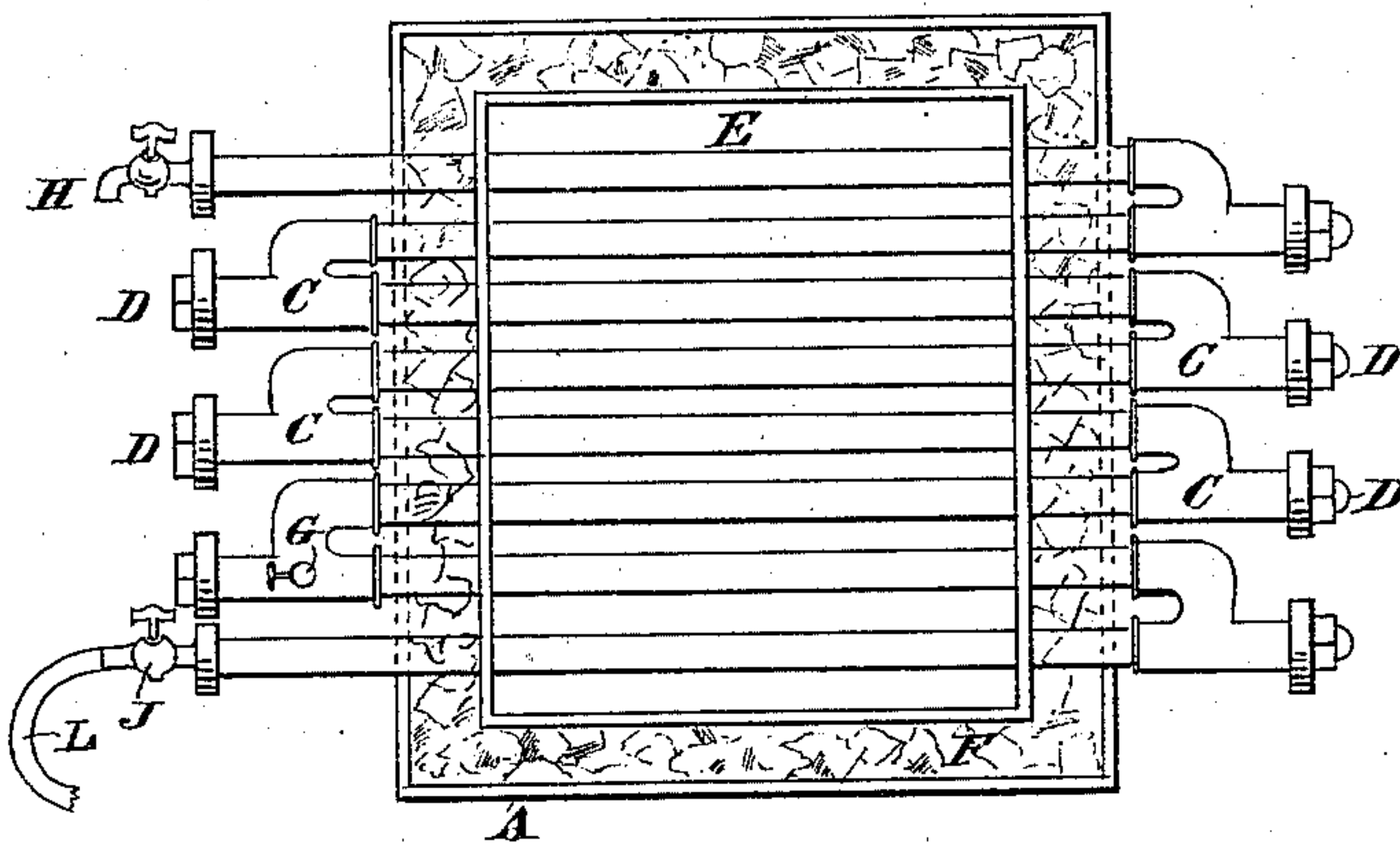


Fig. 2.



WITNESSES.

Frank Pardov.

Geo. D. Lee.

INVENTOR.

Henry Nadorff
by J. G. Hewitt
Attorney

UNITED STATES PATENT OFFICE.

HENRY NADORFF, OF LOUISVILLE, KENTUCKY.

BEER-COOLER.

SPECIFICATION forming part of Letters Patent No. 305,952, dated September 30, 1884.

Application filed June 9, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY NADORFF, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a certain new and useful Improvement in Beer-Coolers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, forming part of this specification.

This my invention relates to certain new and useful improvements in beer-coolers, consisting, first, in a box made of wood of the required size, and another made of metal about eight inches smaller each way, leaving a space at the sides and bottom to be filled with ice. These last-named boxes are provided with a series of metal pipes near the bottom, extending entirely through both boxes and the ice-spaces between them. These pipes are connected at the side near the end in such a manner as to have one end of each pipe open for convenience in cleaning, which is afterward stopped by a screw-threaded stopper.

The object of this my invention is to provide a device for cooling beer, and at the same time answer as a water-cooler, having a series of straight pipes extending through the boxes and ice-space near the bottom, connecting with each other at the side near the ends, so as to leave the ends of each pipe open for convenience in cleaning, and when stopped by the screw-plugs they form a continuous line of pipes in the form of loops, covering the entire bottom of the box.

I attain the above object by the mechanism illustrated in the drawings, in which Figure 1 is a perspective view of boxes, with part of the front cut away to show the interior arrangement of the pipes. Fig. 2 is a flat view of the pipes and boxes, showing the general arrangement of the pipes therein.

Similar letters refer to similar parts throughout the several views.

In the drawings, A is the wooden or outer box, and B is the interior metal box, which is made about eight inches smaller, so as to leave a space of about four inches for ice at the sides and under the bottom.

C C are the pipes which extend through both boxes near the bottom of the metal box,

in which they are secured by soldering or otherwise, so as to be water-tight, but may be secured therein by means of jam-nuts on both sides of the shell. These pipes C C are made straight, extending through both boxes, and connect with each other near the ends on the outside of the boxes by means of elbows, as shown in the drawings, thereby leaving the ends of the pipes open to be stopped with screw-threaded stoppers D D, which may be easily removed for convenience in cleaning; but when thus stopped they form a continuous line of pipes in the form of loops, covering the entire width of the inner box, E, the interior of which is intended to be used as a water-cooler, with ice, F, between it and the box A, thereby coming in contact with the pipes at that point, which is sufficient, in connection with the cold water inside, to thoroughly cool the beer as it passes through. These boxes are intended to be covered with a lid, although none is shown in the drawings.

G is a vent-faucet to be used when necessary to draw off all the beer from the pipes, and H is the discharge-faucet.

J is a faucet for letting the beer into the pipes from the barrel, and K is a faucet from which to draw cold water.

L is the gum pipe leading to the barrel. N is the faucet, and O is the barrel containing the beer, which, when wanted, is permitted to pass through the pipes, and is thereby cooled and drawn off ready for use.

What I claim as new, and desire to secure by Letters Patent, in a beer and water cooler, is—

The combined beer and water cooler consisting of a rectangular vessel having hollow walls forming an ice-chamber, and a central chamber for water, and a series of cooling-pipes passing horizontally through said chambers, the said pipes being provided alternately at opposite ends with removable screw-plugs and at the respective terminals with stop-cocks, the lower terminal being connected with the beer-keg and the internal chamber with a faucet for drawing off the cold water, substantially as specified.

HENRY NADORFF.

Witnesses:

FRANK PARDON,
GEO. D. LEE.