

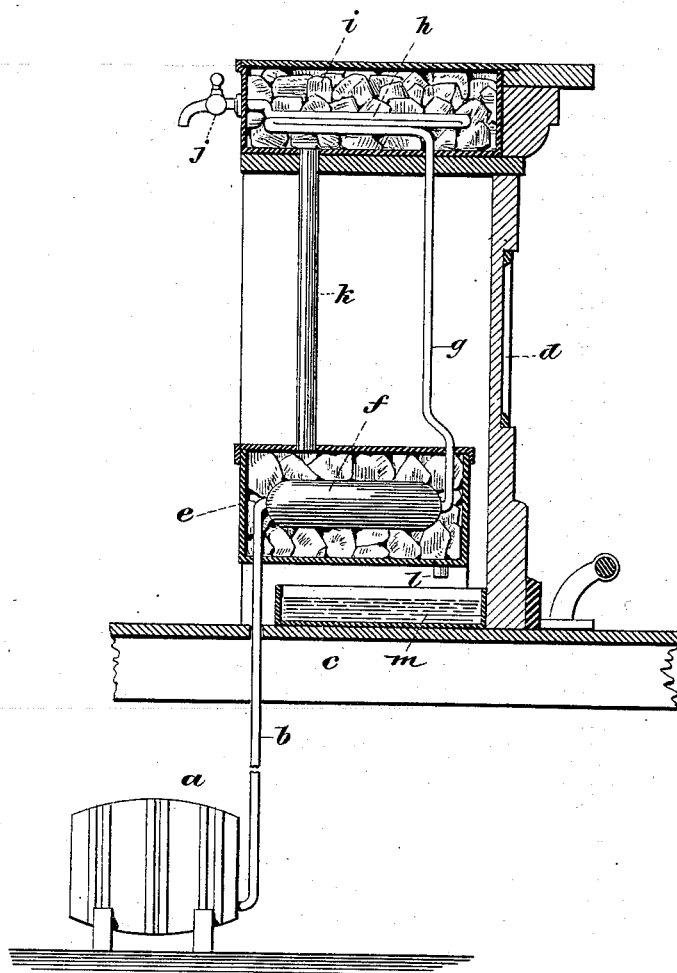
No. 650,098.

Patented May 22, 1900.

G. SEGAL.
REFRIGERATING DEVICE.

(Application filed Feb. 5, 1900.)

(No Model.)



WITNESSES:

Gustav Dietrich
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INVENTOR

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UNITED STATES PATENT OFFICE.

GEDALE SEGAL, OF NEW YORK, N. Y., ASSIGNOR TO SARAH SEGAL, OF
SAME PLACE.

REFRIGERATING DEVICE.

SPECIFICATION forming part of Letters Patent No. 650,098, dated May 22, 1900.

Application filed February 5, 1900. Serial No. 3,966. (No model.)

To all whom it may concern:

Be it known that I, GEDALE SEGAL, a subject of the King of Roumania, residing in the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Refrigerating Devices, of which the following is a specification.

My invention relates in general to refrigerating devices and is shown herein as embodied in an efficient beer-cooler.

In the accompanying drawing I have shown such a beer-cooler by way of illustration, the said drawing representing the beer-cooler in sectional elevation.

In the drawing, *a* is the beer-keg, which is usually located in the cellar and from which a pipe *b* extends through the floor *c* to a pre-cooler located below the working bar *d*. This pre-cooler consists of an exterior casing *e*, adapted to contain ice, and an interior vessel rounded at both ends and connected at one end to the pipe *b*, which leads from the beer barrel or keg *a*, and at its other end to a pipe *g*, which extends in a coil *h* of a small capacity through the refrigerating-chamber *i* at the top of the bar *a* and terminates in a faucet *j*. The refrigerating-chamber *i* and pre-cooler *e* are connected by a drip-pipe *k*, and a suitable drip-pipe *l* and drip-pan *m* may be arranged to dispose of the drippings from the pre-cooler. It is well known that some of the ordinary refrigerating-chambers employed at the top of bars have coils of pipe of small capacity. These coils of pipe *h* ordinarily contain, let us say, about a glass of beer, and when a glass of beer is drawn from the faucet *j* warm beer would flow into the coil *h* unless some means is provided for precooling the beer.

In the practice of my invention the pre-cooler *e* is used, which is interposed in the

pipe between the keg and the refrigerating-chamber *i* and is adapted to contain a considerable quantity of beer, say one or two gallons, so that the coil *h* will be at all times supplied with cool beer, and the introduction of a small quantity of warm beer into the pre-cooler will not appreciably raise the temperature of the large quantity of cool beer contained in the pre-cooler.

Another valuable feature of my invention is that the refrigerating-chamber *i* is efficiently drained, thereby effecting economical working, and the drainings or drippings are used over again in the pre-cooler.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

In a structure for cooling dispensing liquids, the combination of a bar or table, a refrigerating-chamber supported thereby and adapted to contain a refrigerating substance, a spigot *j* and a coil-pipe *h* of small liquid-containing capacity, a pre-cooler connected to the said coil and to a source of beverage supply and comprising in its structure an ice-chamber *e* located below the refrigerating-chamber and receiving the overflow therefrom through a pipe *k*, a vessel *f* contained within the ice-chamber and of considerably-larger liquid-containing capacity than the pipe-coil *h*, whereby, when a small quantity of beverage is drawn, the beverage is brought in a pre-cooled state from the pre-cooler to the coil *h* and an outflow for the ice-chamber *e*, substantially as described and for the purposes set forth.

GEDALE SEGAL.

Witnesses:

GEO. E. MORSE,
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