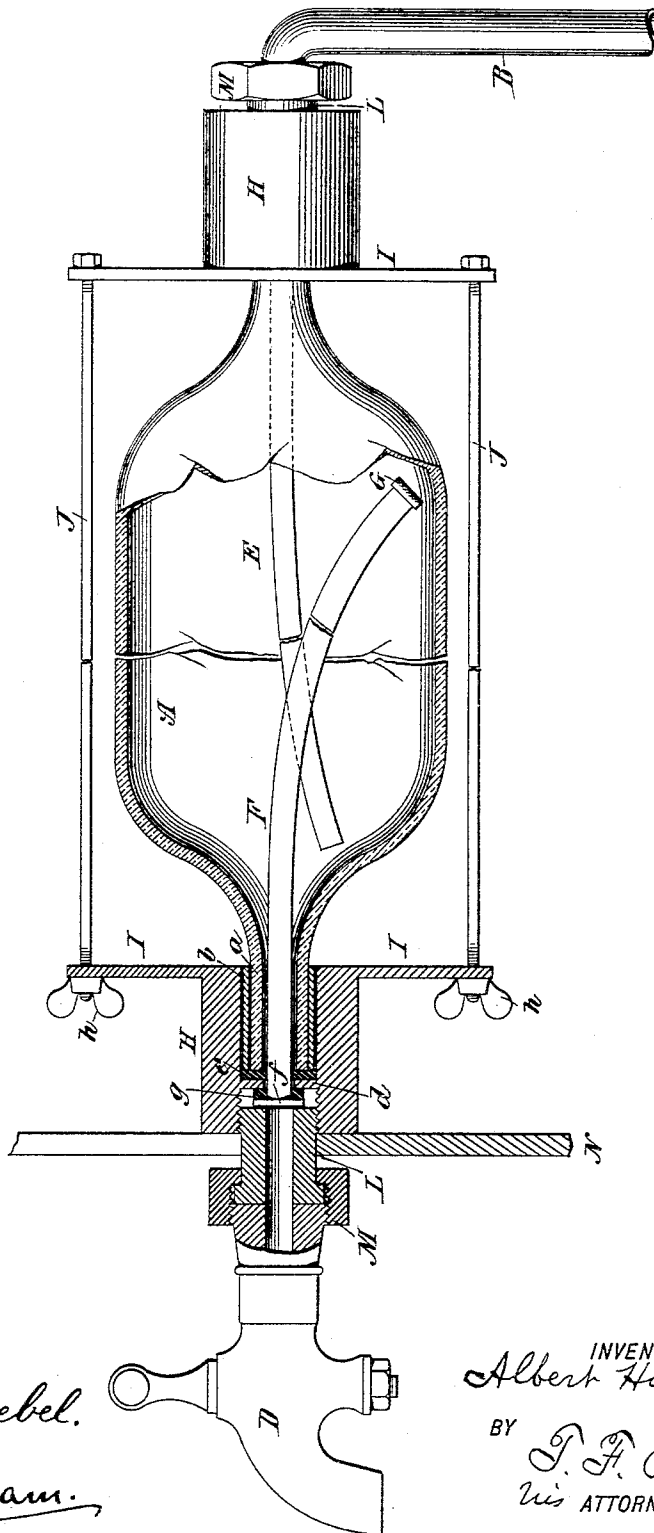


(No Model.)

A. HILDEBRANDT.
BEVERAGE APPARATUS.

No. 479,594.

Patented July 26, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALBERT HILDEBRANDT, OF BROOKLYN, NEW YORK.

BEVERAGE APPARATUS.

SPECIFICATION forming part of Letters Patent No. 479,594, dated July 26, 1892.

Application filed December 24, 1891. Serial No. 416,088. (No model.)

To all whom it may concern:

Be it known that I, ALBERT HILDEBRANDT, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Beverage Apparatus, of which the following is a specification.

My invention relates to that class of beverage apparatus wherein the beverage is drawn at a considerable distance from its keg or receptacle by means of pressure applied to it in the latter or by gravity; and it has for its object to provide means to inspect the beverage before it is drawn for use, to strain the beverage before it is drawn, and to afford facilities for readily cleansing the device and for cooling the beverage after it has left its main receptacle or keg.

The invention consists in the novel details of improvement and the combination of parts that will be more fully hereinafter set forth, and then pointed out in the claims.

Reference is to be had to the accompanying drawing, forming part hereof, which is a partially-sectional side elevation of a device embodying my invention.

In the accompanying drawing, the letter A indicates a beverage-receptacle, preferably made of glass, and having openings at opposite ends for the inlet and outlet of the liquid. The receptacle A is detachably connected at one end with a pipe B, that leads to the main receptacle or keg for the beverage, and at its other end it is similarly connected with a faucet or the like D.

E is a detachable pipe or tube that enters the receptacle A or preferably leads from the pipe B to the forward part of the receptacle A, and F is a similar tube extending from the forward end of the receptacle A rearwardly within the latter, so as to deliver the liquid to the faucet D, as shown. On the inner end of the tube F, I preferably place a strainer G, that prevents sediment or the like from passing to the faucet D, and thereby the liquid being drawn is clarified.

In order to detachably connect the pipe B and faucet D with the glass receptacle A, so that all the parts can be thoroughly cleansed, I provide the following arrangement: II is a sleeve or the like adapted to fit over the nar-

row end or neck *a* of the receptacle A, a rubber or other suitable sleeve *b* preferably fitting on the neck *a* and within the sleeve H to make a firm fit, as shown. The sleeve H has an internal annular flange *d*, adapted to fit against the end of neck *a* or to press a washer or other packing *e* against the neck *a* to prevent leakage, as shown, the pipe F being surrounded by the flange *d* and washer *e*, as shown. The end of the pipe or tube F has an annular head or flange *f*, that may be pressed against the flange *d*, or an interposed packing or washer *g*, as shown. It will be understood that a similar arrangement to the foregoing will be placed at both ends of the receptacle A and connected together to detachably hold the parts on the receptacle, and for this purpose both sleeves H carry projections on flanges I, that are connected by one or more tie-rods J, preferably having thumb-nuts *h* to facilitate adjustment, as shown. By tightening up these thumb-nuts *h* the flanges *d* will be pressed upon the necks *a* of the receptacle A, whereby a firm yet detachable fastening is made. The outer ends of the sleeves H are screw-threaded internally to receive threaded tubes L, which are screwed up against the ends of the tubes E and F, respectively, to hold them in position against the flanges *d* or the interposed washers *g*. On the outer ends of the tubes L are coupling-nuts M, by which the faucet D and pipe B are connected with the tube L, so that all the parts can be firmly yet detachably connected together.

By means of the above-described device the beer, ale, or other beverage will pass into the glass receptacle A, so that its condition can be seen at all times, and when drawn off it will be strained by the strainer G, thereby leaving sediment, &c., in the receptacle.

To clean the receptacle A, the pipe B is loosened, the thumb-nuts *h* turned to release the rods J, and the sleeves H, pipes E and F and connected parts detached from A, and all parts thoroughly cleaned and replaced.

The receptacle A can be kept in a box or the like, of which part N is shown in section, and ice packed around it to cool the beverage.

My improvements will be found very advantageous over the old style of passing beer and ale through a coil of pipe which cannot

be thoroughly cleansed, in addition to which the customer can see in what condition the apparatus from which his beverage is drawn is kept.

5 The advantages of using a glass receptacle A to receive the liquid before it is drawn are too obvious to mention, although if the receptacle A were not made of glass the arrangement would be found very advantageous.

10 Having now described my invention, what I claim is—

1. The combination of the receptacle A, having open necks *a a*, sleeves H H, fitting oversaid necks, rod J, connecting said sleeves, 15 and means for connecting said sleeves with a pipe and faucet, respectively, substantially as described.

2. The combination of the receptacle A, having open necks *a a*, sleeves H H, having 20 internal flanges *d*, washers *ee*, fitting between

said necks and said flanges, and means for connecting said sleeves with an induction-pipe, a faucet, or the like, and with rods J for holding the sleeves H upon the necks *a a*, substantially as described.

25 3. The combination of the receptacle A, having open necks *a a*, sleeves H H thereon, flanges *d d* in said sleeves, tubes E F, passing through said sleeves and having flanges *f*, tubes L L, screwing into the sleeves H H and 30 pipe B, and a faucet or the like connecting with said tubes L L, substantially as described.

Signed at New York, in the county of New York and State of New York, this 21st day of December, A. D. 1891.

ALBERT HILDEBRANDT.

Witnesses:

C. L. WALKER,
T. T. BOURNE.