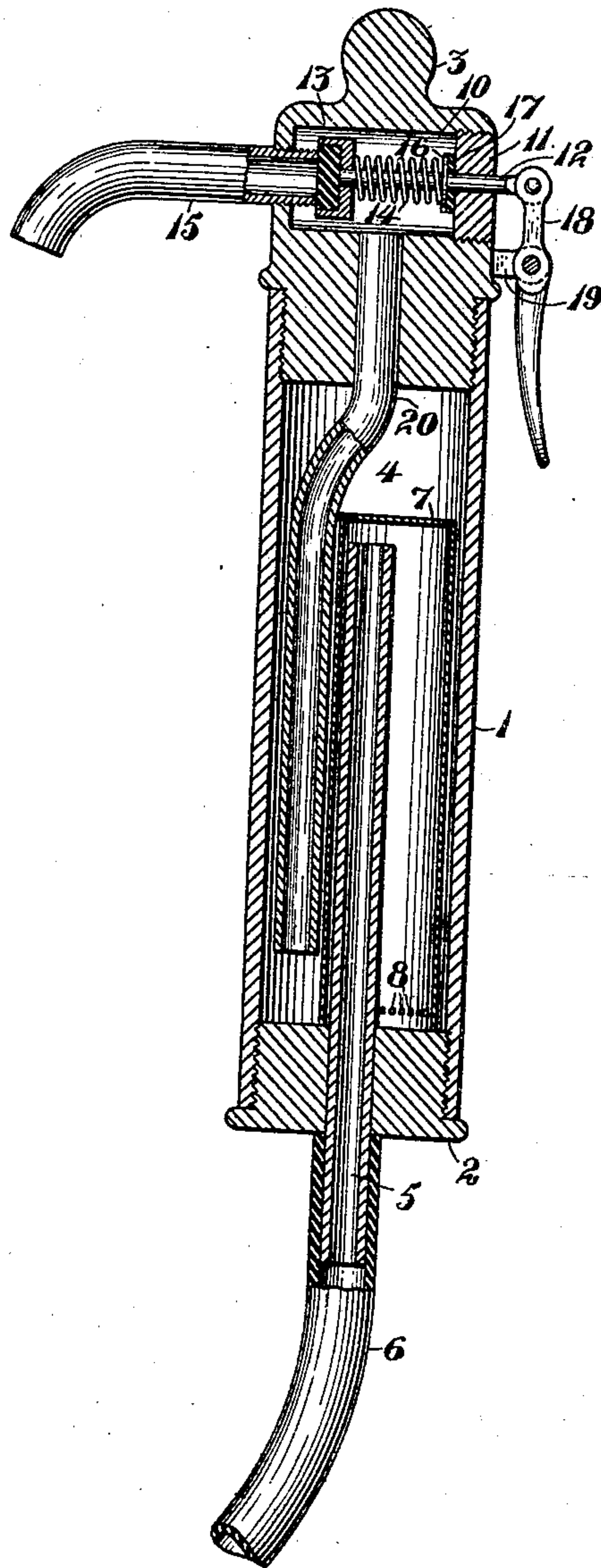


991,724.

G. L. KENNEDY.
INDIVIDUAL DISPENSING SIPHON.
APPLICATION FILED SEPT. 2, 1909.

Patented May 9, 1911.



WITNESSES:

J. H. Thiedner
N. B. Keating

INVENTOR

Guy L. Kennedy

BY

J. M. Wright

ATTORNEY

UNITED STATES PATENT OFFICE.

GUY L. KENNEDY, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO NATIONAL CARBONATED LIQUID CO., OF SAN FRANCISCO, CALIFORNIA, A CORPORATION OF CALIFORNIA.

INDIVIDUAL DISPENSING-SIPHON.

991,724.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed September 2, 1909. Serial No. 515,975.

To all whom it may concern:

Be it known that I, GUY L. KENNEDY, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Individual Dispensing-Siphons, of which the following is a specification.

The present invention relates to an individual portable dispensing siphon for dispensing aerated liquids.

It is adapted to be used with a system of furnishing aerated liquids by manufacturing the same from two separate streams of compressed liquid and gas automatically as an advanced portion of the stream of liquid so aerated is dispensed.

In the accompanying drawing, the figure is a longitudinal section of the device, certain parts being shown in side elevation.

Referring to the drawing, 1 indicates a cylindrical casing closed at the bottom by a screw cap 2 and at the top by a head 3 screwed into said cylinder, said cylinder, cap, and head thus forming a cylindrical dispensing chamber 4. Through said cap 2 passes an inlet pipe 5 connected outside the cap with a flexible tube 6 leading from the conduit containing the aerated liquid. Said pipe 5 extends inward for the greater part of the length of the cylinder, and, secured to said cap around said tube, is a cylinder 7 closed at the top opposite to the open end of said pipe 5, and having, near the bottom, apertures 8 through which the liquid can escape. The space between said pipe and the cylinder 7 thus forms a mixing chamber, in which the commingled gas and liquid discharged through the pipe are, by agitation and absorption, still more thoroughly commingled. The commingled gas and liquid escape by said apertures 8 into the dispensing chamber 4. In said head 3 is formed a transverse valve chamber 10, closed by a screw plug 11, through which passes a stem 12, connected to a valve 13, which is pressed by a spring 14 against the head of a spout 15 connected to said head. Said spring is

coiled around said stem 12 and is interposed between the rear side of the valve 13 and a washer 16, between which and the plug 11 is interposed, around said stem, a rubber gasket 17, preventing the escape of gas through the opening around said stem. The rear end of the stem is connected to a finger lever 18 pivoted upon a lug 19 formed upon the head. From said head depends a siphon tube 20 which leads to a point near the bottom of the dispensing chamber.

The mode of operation of the device will be readily understood from the foregoing description. Upon pressing the finger lever, the valve 13 is withdrawn against the action of the spring from the end of the spout 15, and aerated liquid is allowed to escape from the dispensing chamber through the siphon tube 20, the valve chamber 10 and the spout 15, causing a fresh supply of aerated liquid to flow through the tube 6 into the mixing and dispensing chambers and out through the siphon tube and spout in a continuous stream so long as the valve is held open.

The device possesses great utility from the fact that a large number of these devices may be connected by flexible tubes to a central source of supply and arranged at suitable intervals, as along a counter or bar in ice cream parlors, saloons or the like, thus dispensing with the necessity of carrying the vessel to be supplied to a central distributing station. A further advantage is that, since the device supplies fresh carbonated liquid at all times, it avoids the annoyance experienced by attempting to use siphon bottles which have become flat.

I claim:—

An individual portable dispensing siphon comprising a casing, an inlet tube extending through one end of the said casing, a supply pipe connected with said inlet tube outside of the casing, a wall forming a chamber around said inlet tube, closed at the end remote from the inlet end of the wall, but open at the end adjacent thereto, a head at the other end of the casing having a valve cham-

ber, a siphon tube connecting to said head,
a spout extending from said head, a valve
for said spout, a stem for said valve extend-
ing outside of said chamber, a lever connect-
5 ed to the outer end of said stem, and a spring
arranged to close said valve on said spout,
substantially as described.

In testimony whereof I have hereunto set
my hand in the presence of two subscribing
witnesses.

GUY L. KENNEDY.

Witnesses:

FRANCIS M. WRIGHT,
D. B. RICHARDS.

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