

Jan. 21, 1947.

C. V. CARBONE
ILLUMINATED BEER TAP
Filed Jan. 12, 1944

2,414,446

2 Sheets-Sheet 1

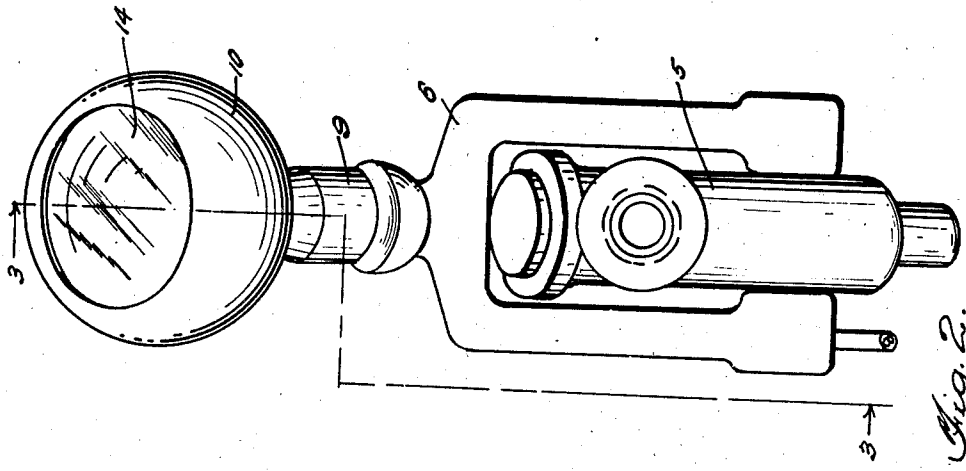


Fig. 2.

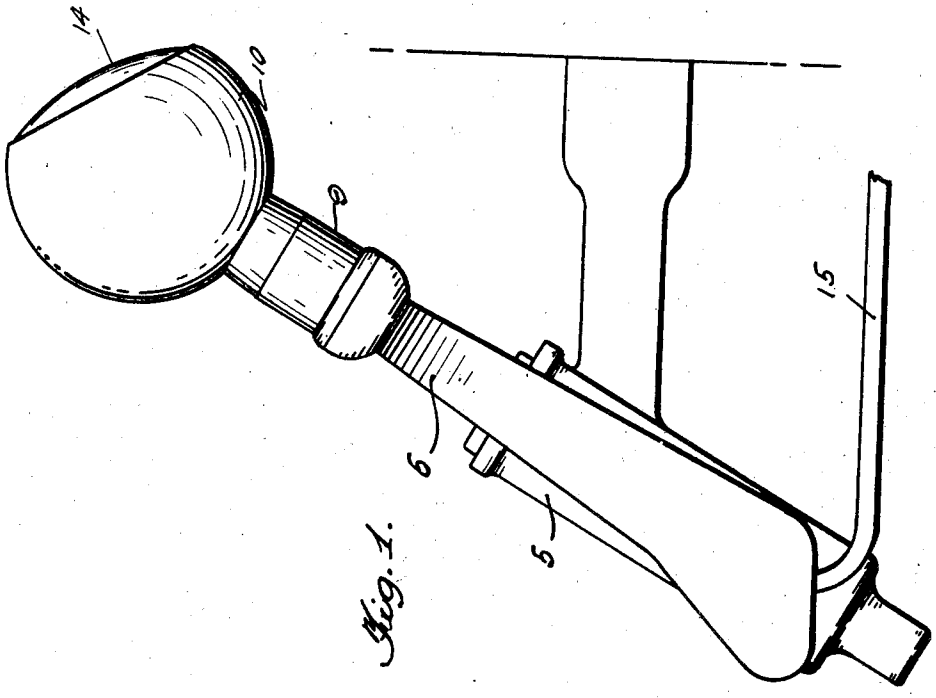


Fig. 1.

Inventor
CARL VINCENT CARBONE

By *Alvanice A. O'Brien*
and Harvey B. Jacobson
Attorneys

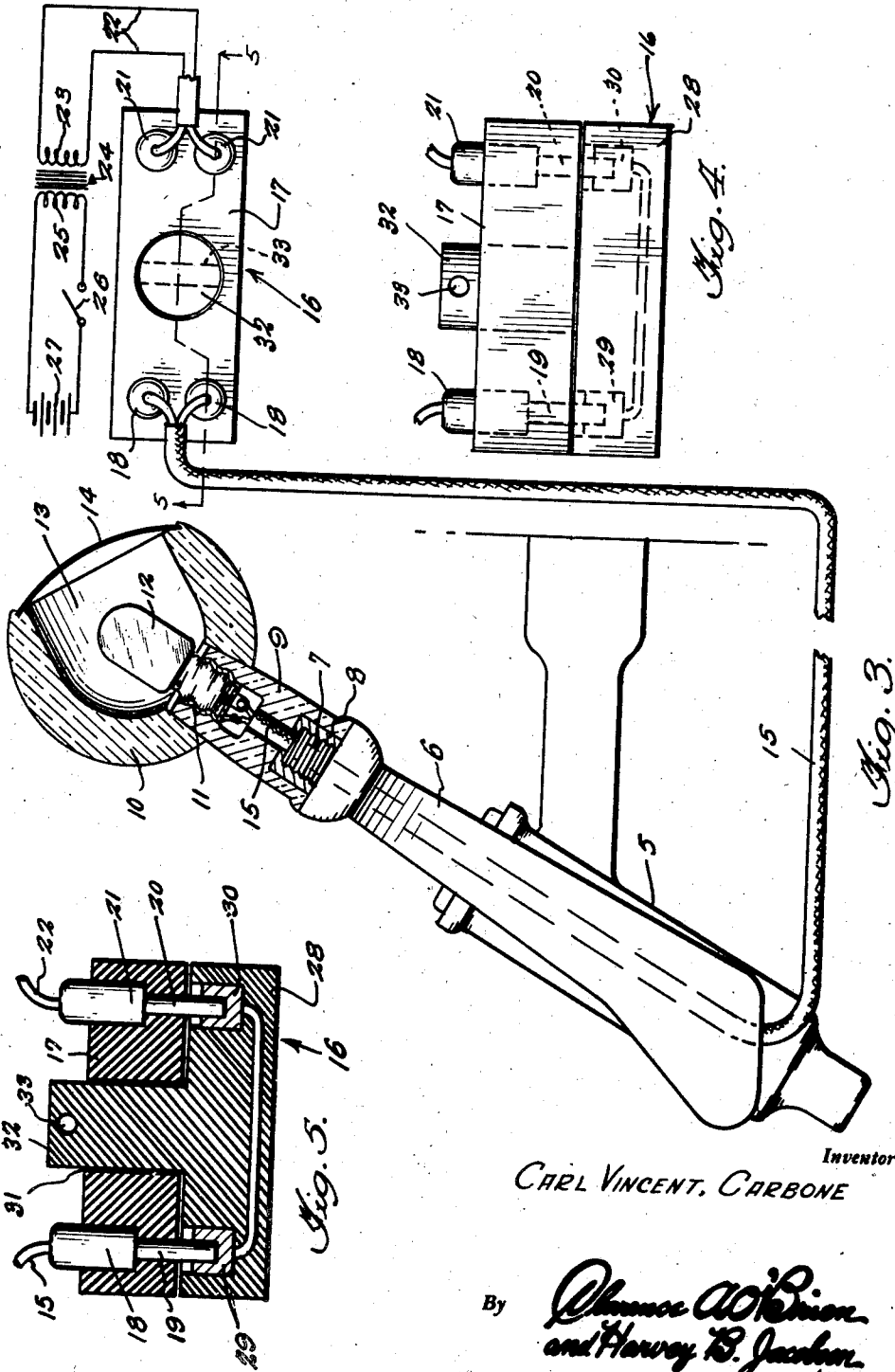
Jan. 21, 1947.

C. V. CARBONE
ILLUMINATED BEER TAP

2,414,446

Filed Jan. 12, 1944

2 Sheets-Sheet 2



Inventor
CARL VINCENT, CARBONE

By *Almonce W. Rison*
and Harvey B. Jacobson
Attorneys

UNITED STATES PATENT OFFICE

2,414,446

ILLUMINATED BEER TAP

Carl Vincent Carbone, Hartford, Conn.

Application January 12, 1944, Serial No. 518,016

1 Claim. (Cl. 40-8)

1

This invention relates to new and useful improvements in beer taps, the principal object being to provide a beer tap having illuminating means for illuminating advertising imposed thereon.

Another important object of the invention is to provide an illuminated beer tap which can be illuminated only by the advertiser of the beer being sold due to the provision of a special type of electrical connector.

Other objects and advantages of the invention will become apparent to the reader of the following description.

In the drawings:

Figure 1 represents a side elevational view of the tap showing the improved head portion.

Figure 2 is a front elevational view.

Figure 3 is a side elevational view with the head of the tap in section and showing diagrammatically the electrical parts of the subject matter.

Figure 4 is a side elevational view of the improved connector.

Figure 5 is a sectional view taken on the line 5-5 of Figure 3.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numeral 5 denotes the usual tap valve, while numeral 6 denotes a yoke having a threaded upper portion 7 for disposition into a metal bushing 8 of a plastic shank 9, which is preferably tapered at its upper end for disposition into the tapered opening of a plastic knob 10. Obviously, the parts 9 and 10 may be manufactured of some material other than plastic.

The upper end of the shank 9 contains an electric socket 11 for the reception of the base portion of an electric bulb 12 which projects into a pocket 13 in the knob 10 and over this pocket is disposed a pane or insert 14 of some translucent material and upon which is advertising matter advertising the beer being sold through this particular tap.

The conductor 15 from the socket 11 extends through the shank 9 and through one leg of the yoke 6 which has been made hollow to accommodate the conductor 15.

Numerals 16 generally refers to a specially constructed connector and this consists of a plate 50

2

17 of insulation having a pair of openings in each end thereof. The openings in one end of the plate 17 serve to receive a pair of plugs 18 having prongs 19 and to these plugs 18 connect the wires of the conductor 15. It will be observed that the prongs 19 depend below the bottom of the plate 17 as do additional prongs 20 which project from plugs 21 disposed into the opposite end of the plate 17, and to these plugs 21 conductor wires 22 connect and form part of the secondary 23 of a step-down transformer 24, the primary side 25 of which has a switch 26 therein and a source of current 27. The transformer 24 functions to step down currents of higher potential to a potential suitable for a lower power electric light.

The connector 16 also includes a base 28 having sockets in the ends thereof, the sockets in one end containing contacts 29, while the sockets at the opposite end of the base contain contacts 30 with which the contact prongs 19, 20, respectively, engage when the plate 17 which has a centrally located opening 31 therein is slipped over a pilot or boss 32 rising from the base 28. This boss 32 has an opening 33 therethrough for the reception of a lock which is to be applied and removed only by the beer company delivery man or other employee.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

A beer tap handle comprising a swingable yoke including an upper end shank, a hollow knob on the upper end of the shank, a translucent insert fitting in said knob for displaying advertising matter, an electric light bulb mounted in the upper end of the shank and extending into said knob, and electric line leads extending into one leg of the yoke through the lower end thereof and through said leg longitudinally into said shank to said bulb, said shank being detachable to provide for pulling the electric line leads through said leg from the upper end of the yoke.

CARL VINCENT CARBONE.