

PRECISION LIQUID MIXING APPARATUS AND METHOD**ABSTRACT OF THE DISCLOSURE**

A system, apparatus and method is disclosed for providing a consistent liquid mixture according to a predetermined recipe for use at a point of use. The apparatus includes a plurality of liquid component reservoirs in which a constant gas pressure is maintained. A plurality of valves are provided, with individual valves connected to an outlet port of each reservoir. An electronic controller controls the valve actuation in a repetitive sequence to discharge predetermined doses of selected liquid components for mixing to form the consistent liquid mixture. A mixing section receives the sequence of doses to mix them together to form the liquid mixture.

Fig. 1