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(54) Title: SELF-METERING RESERVOIR

(57) Abstract

A bubbler container assembly particularly adapted for use in vapor generating systems comprising a main outer vessel, an inner bubbler vessel, a carrier gas inlet and a vapor outlet such that the inner bubbler vessel is contained within the main outer vessel and the bubbler container assembly is constructed so as to self-meter an incoming supply of vaporizable liquid during the introduction of a carrier gas and extraction of resulting vapor. Preferably, the system further provides for magnetic induced centering and positioning of the inner buoyant bubbler vessel, fluid temperature sensing and control, connection of a fluid makeup supply, carrier gas inlet supply, and vapor extraction outlet.

