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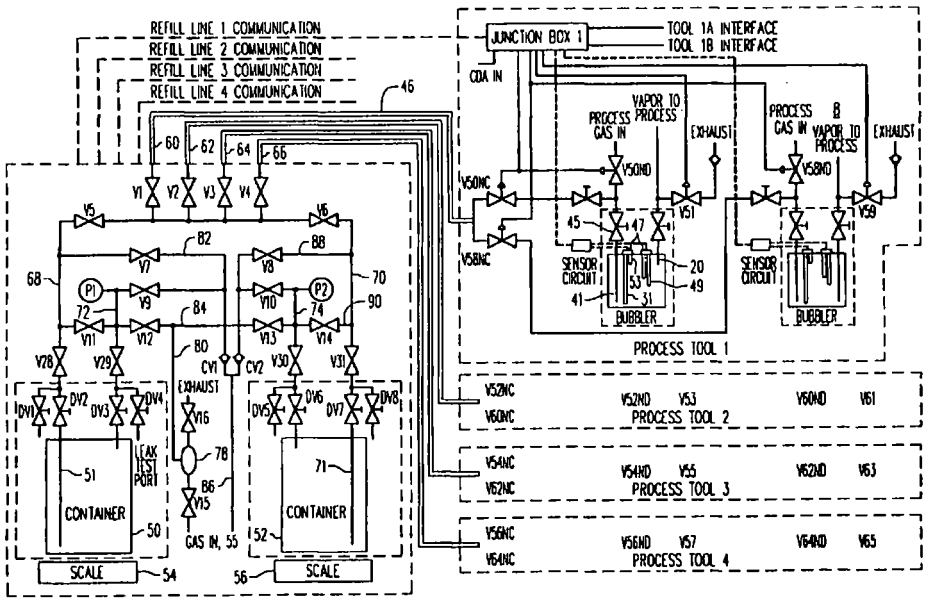
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(54) Title: AUTOMATIC REFILL SYSTEM FOR ULTRA PURE OR CONTAMINATION SENSITIVE CHEMICALS



(57) Abstract: A highly reliable and safe, modular automatic refill (bulk delivery) system for ultra-high purity pyrophoric metalorganic chemicals employing: a manifold that insures contamination-free operation; a liquid-level detection system (54, 56) with fail-safe redundancy; and an evacuation system (78) which leaves the system's manifold and transfer lines relatively free of chemical fire hazards; leaves them free of oxygen contamination; and leaves the composition of the system's carrier gas unaffected, between refills.

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