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(54) Title: APPARATUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS

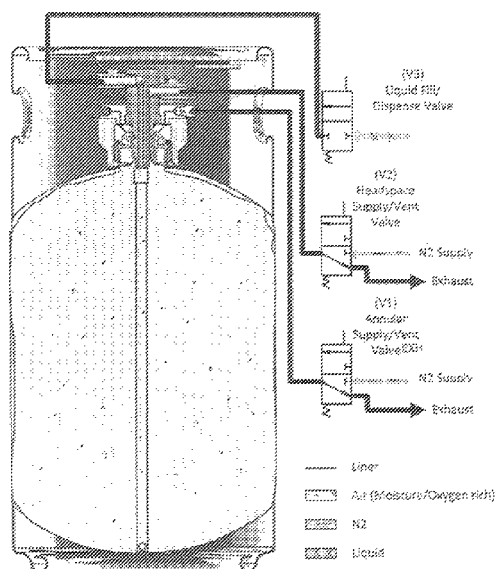


Fig. 21

(57) Abstract: A shippable liquid storage and dispensing apparatus includes a collapsible liner arranged within a container, with a dispense head coupled to the container, suitable for handling oxygen- and moisture-sensitive materials. The dispense head includes a pressurization gas passage, a pressurization gas valve, a liquid passage, a liquid valve, a liner gas passage, and a liner gas valve, wherein each valve may have an associated quick connect fitting. The dispense head remains attached to the container during inert gas purging, liner filling, container shipment, and liquid dispensing. Pressurized inert gas may be maintained in the liner overlying liquid-containing material during shipment of the coupled dispense head and container. The container may have an extended chime to provide a protective zone that contains the entirety of the dispense head.

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