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(54) **Title:** SCRUBBER SYSTEM WITH MOVING ADSORBENT BED

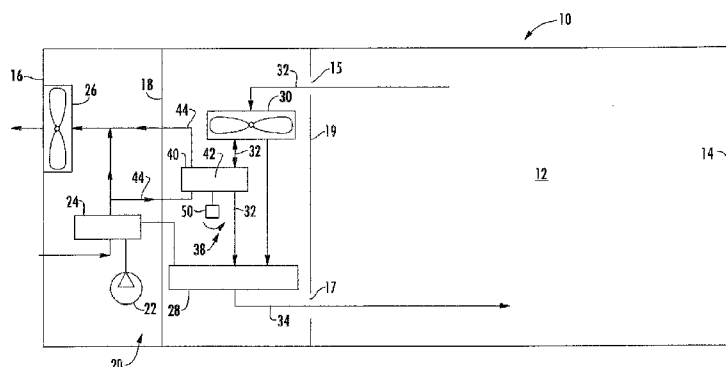


FIG. 1

(57) **Abstract:** A regenerative carbon dioxide removal system is provided onboard the container through which air from within the cargo box may be circulated for removing at least a portion of the carbon dioxide present in the air. The regenerative carbon dioxide removal system includes a scrubber module containing a carbon dioxide adsorbent material, and an actuator for moving the scrubber module to pass the carbon dioxide adsorbent material alternately between a first flow of air to be cleaned drawn by the evaporator fan from within the cargo box, and a second flow of air drawn from an environment outside the cargo box for regenerating the carbon dioxide adsorbent material by removing collected carbon dioxide from the carbon dioxide adsorbent material.