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(54) Title: CARBON DIOXIDE CHARGING APPARATUS AND METHOD FOR HEAT EXCHANGE UNIT

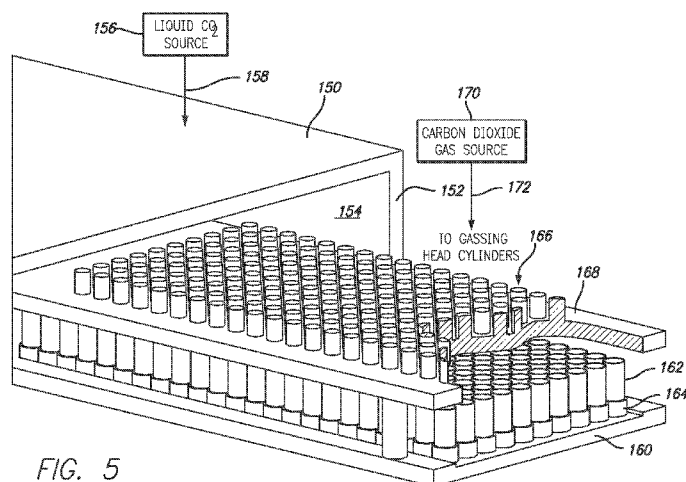


FIG. 5

(57) Abstract: Apparatus and process to adsorb carbon dioxide onto compacted activated carbon in a HEU while removing the heat generated by the adsorption. A cooling tunnel is provided and maintained at approximately five degrees Celsius by continuously flowing a refrigerant therethrough. A plurality of completed cans with HEU are arranged internally and gassing heads are attached to each HEU and maintained at approximately 10-15 Bar for a period of twenty to thirty minutes after which the gassing heads would be removed and a new batch of cans inserted.