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(54) Title: URINE AND WASTEWATER TREATMENT SYSTEM

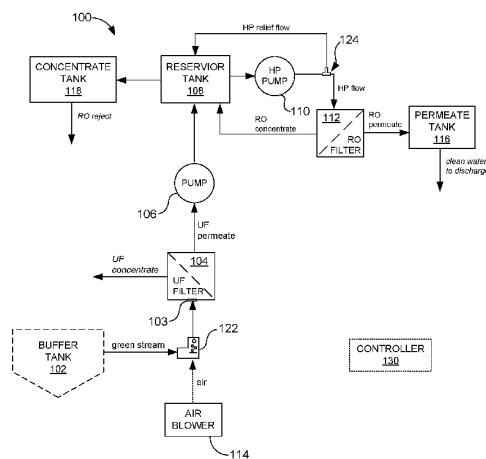


FIG. 1

(57) Abstract: System and method for a urine and wastewater treatment are described. The urine and wastewater treatment system can include a tank configured to receive liquid waste (102), an air blower (114) configured to blow air into the liquid waste to reduce the density of the liquid waste and to generate crossflow, and a filtration unit comprising an ultra-filtration stage (104) comprising a first permeate outlet and a first concentrate outlet and a reverse osmosis stage (112) comprising a second permeate outlet and a second concentrate outlet. The reverse osmosis stage is configured to receive a first permeate from the ultra-filtration stage.

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