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(71) Applicant: PURDUE RESEARCH FOUNDATION
[US/US]; 101 Foundry Drive, Suite 2500, West Lafayette,
IN 47906 (US).

(72) Inventors; and

(71) Applicants: WARSINGER, David, Elan Martin
[US/US]; 10490 Trebah Circle, Carmel, IN 46032 (US).
BENI, Ali, Naderi [IR/US]; 425 South River Road #5, West
Lafayette, IN 47906 (US).

(74) Agent: NOVAK, David, E.; Brannon Sowers & Cracraft
PC, 101 W Kirkwood Avenue, Suite 238, Bloomington, IN
47404 (US).

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(54) Title: BATCH AND SEMI-BATCH LOW SALT REJECTION REVERSE OSMOSIS DESALINATION

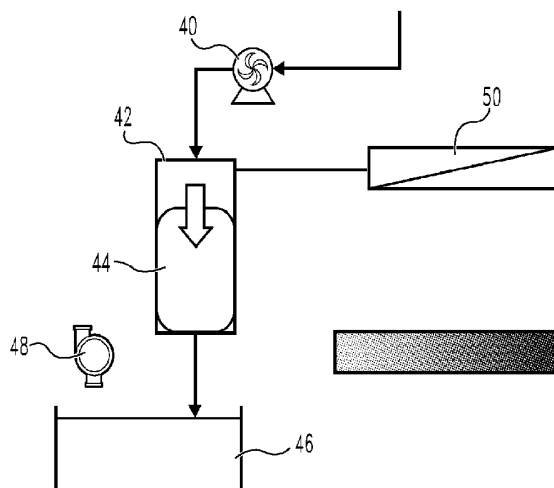


Fig. 1

(57) Abstract: Batch and semi-batch multistage desalination methods and systems are disclosed which may include low salt rejection reverse osmosis as dewatering units. The systems and methods may include a recirculating water stream which increases in salinity to which new feed water may be added to create a recirculating loop. Once a desired saline concentration is achieved in the loop the saline water may be rejected and the cycle repeated.

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