



EvapoRite Systems
INCORPORATED



Modular Floating Evaporation System Patent Approved!

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(54) **MODULAR FLOATING WATER EVAPORATION SYSTEM**

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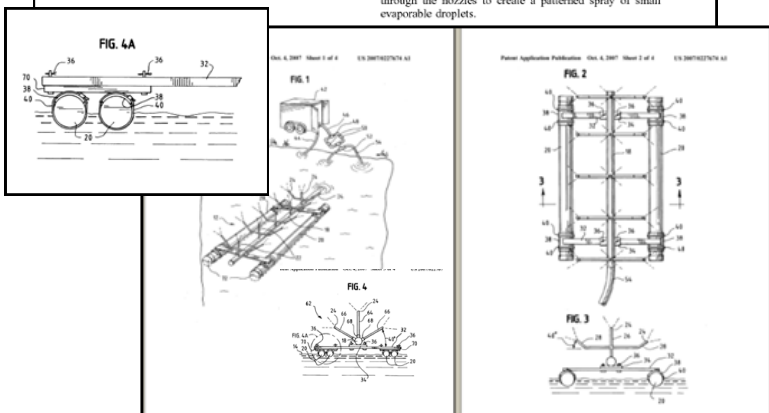
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(57) **ABSTRACT**
A floating water evaporation system for use in disposing of excess water from oil and gas drilling operations is provided. One or more nozzle arrays float on the surface of a waste-water pond a distance away from the pond shoreline. Each nozzle array includes a series of upright risers that extend above a water reservoir tank. Spray nozzles are mounted on each riser. The water reservoir tank is mounted between floating pontoons that elevate the nozzles a distance above the surface of the pond. Water from the pond is pumped through the nozzles to create a patterned spray of small evaporable droplets.

Claims approved include:

1. a pump for pumping wastewater from a pond into a discharge hose
2. a manifold to separate discharged water into multiple streams
3. the use of pontoons to float evaporation process over surface of pond
4. a reservoir to receive water and feed it into one or more risers
5. at least one nozzle attached to each riser to convert wastewater into an evaporable spray.
6. the use of hollow cone nozzles

*** TWO OTHER PATENTS PENDING**



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