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Constantz

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(54) **SOLAR DISTILLATION LOOP**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 272 days.

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See application file for complete search history.

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(57) **ABSTRACT**

A solar distillation loop apparatus includes a first pipe section disposed on a ground surface, the first pipe section including a substantially straight portion and elevated portions on each end of the substantially straight portion, an impure water inflow coupling at one end of the straight portion and an impure water outflow coupling at the other end of the straight portion; solar powered fans disposed in each of the elevated portions of the first pipe section; a second pipe section disposed under the ground surface beneath the first pipe section; and two substantially vertical pipe sections that connect respective ends of the second pipe section to respective ends of the first pipe section.

11 Claims, 3 Drawing Sheets

