

(54) Title of the invention : SMART PHOTOVOLTAIC DRIVEN PURIFIED WATER VENDING MACHINE

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(57) Abstract :
 This project presents the design and implementation of a solar-powered water purification system equipped with an integrated payment mechanism. The system utilizes solar energy to power the purification process, making it environmentally sustainable and cost-effective. Users can access clean water by making payments through an integrated payment system, ensuring affordability and accessibility. This innovative solution addresses both environmental and social concerns, providing a viable option for clean water provision in off-grid and communities with limited clean water access.

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