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(57) Abstract :

SWAD (SMART WATER DISPENSER) The Smart Water Dispenser (SWAD) is a device invented to ensure safe and germ-free dispensing of water. The lack of proper sanitization of vessels is a major reason for the contamination of water. To prevent this issue, an UV system is introduced in this device to curtail the function of bacteria, viruses, and other pathogens. And it provides a built-in water dispenser system adjacent to the UV system. It requires less power supply and can be powered by a battery making it independent of constant energy requirement.

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