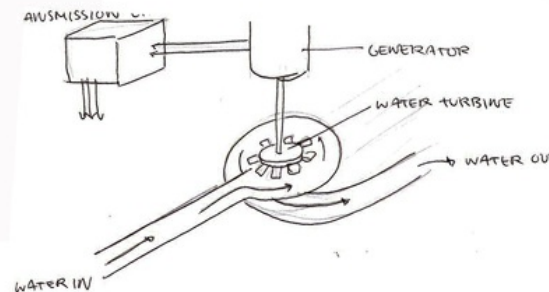
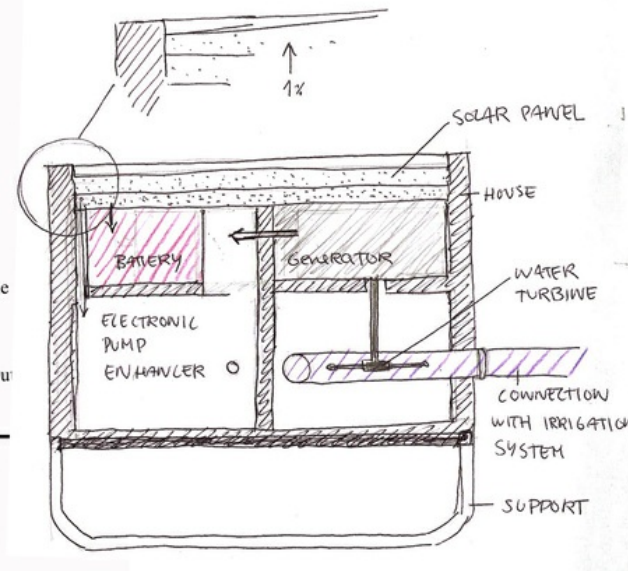
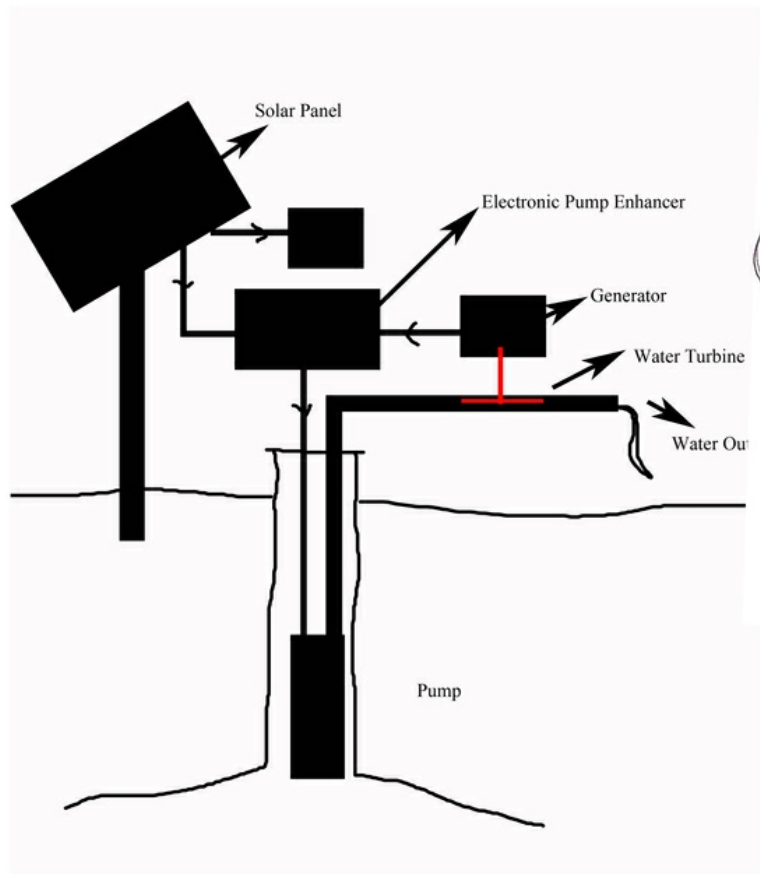


1/2 Eco-WaterPump

water pump, based on solar energy and micro hydroelectric system



Solution

This is a very small and portable unit of water pump, which has the basic idea of being self-sustaining.. How?

- The use of solar energy, allows the start of the water pump. This, in turn, is taken to a system that produces hydroelectric energy. Only then is connected to an irrigation system.
- The hydroelectric power produced by the system is conducted to the water pumping device, thus entering a self-sustaining cycle, where the pumped water produces energy to continue pumping more.
- Thus, solar energy is used only as a power starter, and backup energy. This solar energy is still connected to a battery that stores energy

during the day. This energy can be used not only in less sunny days, but also inside

2/2

Eco-WaterPump

water pump, based on solar energy and micro hydroelectric system

Creative's profile



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