

PEDAL POWERED WATER FILTER

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ABSTRACT

A mechanism is introduced for the ease of having clean water to drink anywhere a person wants. Pedal powered water filter not only acts as a transport, but also a mobile water filter machine. This system is invented to help people with no car to travel far and those in need of safe clean water to drink. A power steering pump is mounted at the back of the bicycle; the pedal rotating the tyre will also rotates the belt drive of the pump creating the pressure to suck in the water and pumps it into the filter. After that, clean water can be obtained from the outlet of the filter. This product is ideal for the use of people who needs a transport and insufficient clean water to consume. It is environment-friendly as well.