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WAVE ENERGY CONVERTER

CHANGZHENG HUANG
(US PATENT PENDING)

Wave Energy Converter

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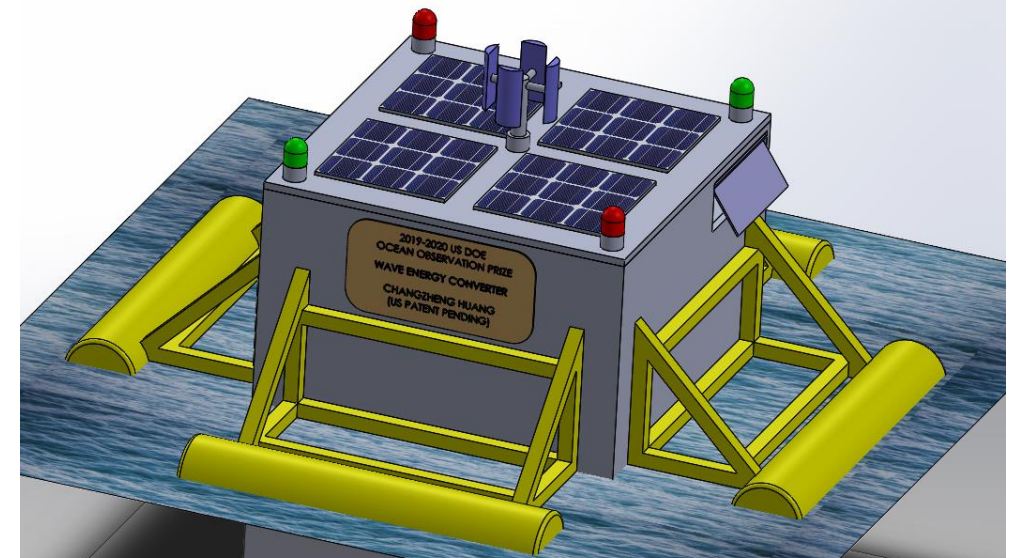


How it works:

1. System converts wave energy to power ocean communication/navigation devices.
2. Wave drives an air chamber just like piston-cylinder system in an engine.
3. When waves fall or rise, inlet or outlet valves open. Air flow drives generators to produce power.

Advantages:

1. Renewable and sustainable wave power.
2. Supplementary solar power available.
3. System environmentally friendly.
4. Support American manufacturing.



1.1 TECHNICAL FEASIBILITY – System Structure

The wave energy converter has an enclosed air chamber that responds to ocean wave movement.

