

Purpose of development

This "attractive power generation device (turbine)" is designed to stop global warming with a safe power generation device that can always generate power and is not restricted to the installation location and has no adverse effects on human bodies and the natural environment.

In addition, this generator can be installed in mountains or deserts, and can always maintain a stable amount of power generation and can be used as an energy source in all fields.

As long as it is on the earth, there are no adverse effects on human bodies and other animals anywhere, and all the drawbacks of wind power generation and solar power generation are cleared, and fossil fuel is also unnecessary, which is a cause of global warming. Does not release carbon.

Japan's large power plants need to be installed on the coast to use fossil fuels and nuclear fuel. Therefore, an elevated wire is needed, and it is vulnerable to earthquake, tsunami, and typhoons.

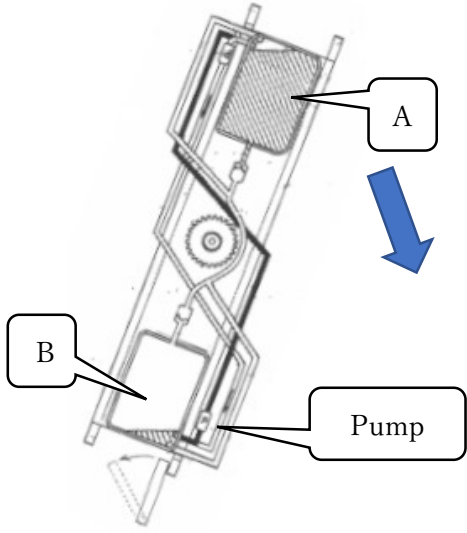
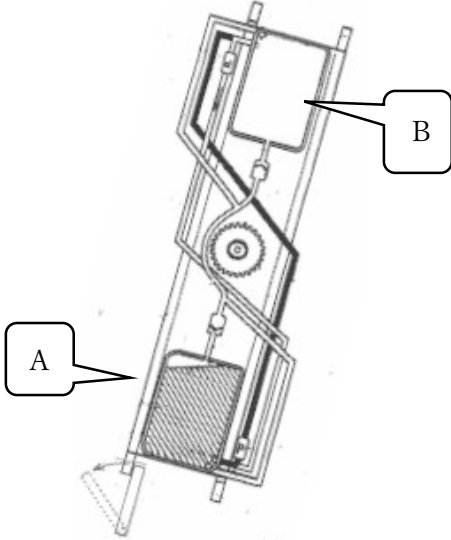
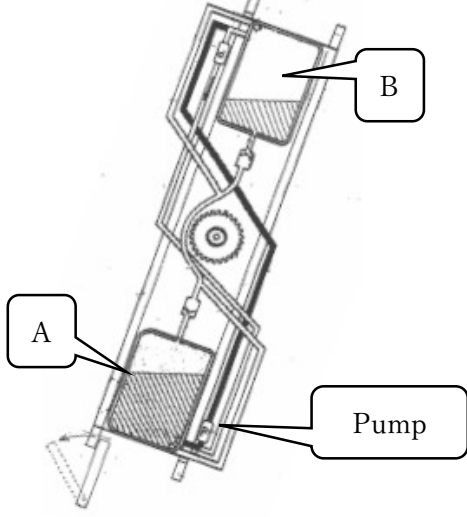
Therefore, we have developed a "gravity power generator" that is resistant to earthquakes, tsunami, and typhoons, and replaces wind power generation and solar power generation.

If there is an independent power supply on each prefecture, each municipality, a hospital, a facility for the elderly, etc., there is no problem at the time of a disaster etc. if it can always generate electricity at home.

The size of the power generator can be set large, medium, small, and installed as needed, and there is no fear of blackout, and it is an inexpensive, safe, stable future power generator for local production for local consumption.

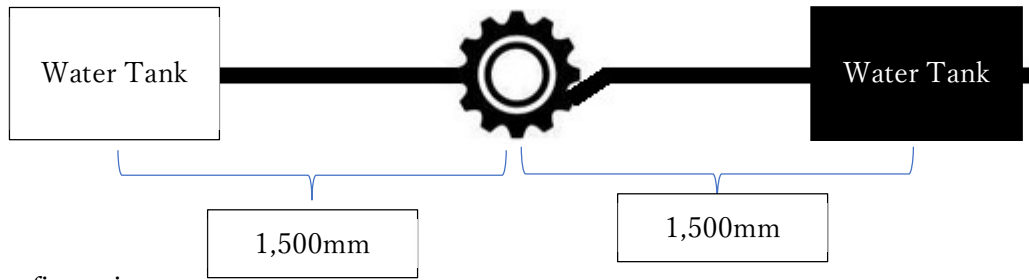
Principle of attractive power generation turbine

1. Basic principle of attractive power generation

Feature Description	Explanation
<p>① By installing water tanks at both ends of one arm and storing water in the upper tank A, the arm is rotated by a force that causes the tip of the arm to fall downward.</p> <p>(In the right figure, with the water accumulated in the upper tank A, when the stopper that stops the arm is removed, the tank A moves downward and the arm rotates)</p>	
<p>② Tank A comes down to the bottom with the weight of water, this force causes the rotation of the arm, which is transmitted to the generator to generate electricity.</p>	
<p>③ Pump the water of Tank A into tank B with a small pump to generate the next revolution.</p> <p><Grounds for generating energy></p> <p>$Y > X$</p> <p>X: Energy to pump water up Y: Energy produced by rotation of the arm</p> <p>10,000kW in the generator comparison Y=10,000kW X=122.5kW (Approximately 81.63times)</p>	

Experimental results on power generation efficiency of attractive power generation

1. contents of equipment used for the experiment

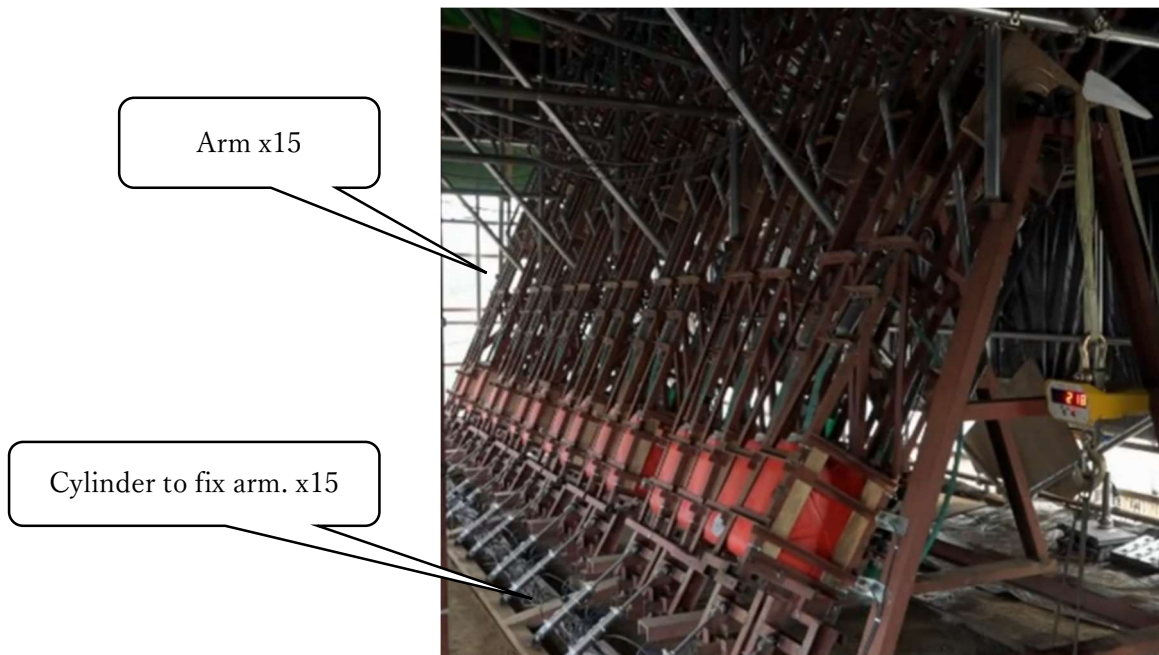


(A) Arm configuration

Item	Contents
Arm length	Total length 3000mm (Length from center of rotation axis to center of water tank=1,500mm)
Standard dimensions	Length from center of rotation axis to center of nail=130mm
Amount of water in the tank	20 liters in one water tank of the arm.
Water supply motor	Attach one to each tank at both ends.

(B) Configuration of power generation equipment

Item	Contents
Number of arms	15
Cylinder	15 (Fix the arm until the water tank is full)
Compressor	1 (For driving the cylinder)



2 calculation of power generation effect

(A) Calculation of the force on the rotating shaft.

- ① Calculate the rotational force applied to the arm rotation axis using the lever principle.
 - Magnification of lever force generated from arm and standard dimension (lever magnification).
11.5times = arm length of one wing (1,500mm)/standard dimension(130mm).
 - Force applied to the rotating shaft.
Force(20kg) x lever magnification (11.5)230kg tank 20 over the rotary shaft.
- ② Measured value ok 350kg to 400kg of force applied to the rotating shaft obtained in the actual experiment.

(B) Equipment needed for 10,000kW power generation.

- ① the premise of 10,000kW of power generation requires a force that spans a 20,000kg rotating shaft (Applicable to calculation of the amount of generation of wind power)
- ② Equipment capable of generating force of 20,000kg on a rotating shaft.

Item	Contents
Number of arms	15
Arm length	12,000mm
Tank water volume	560 liters
Power consumption	Pump 112.5kW (power consumption per unit 7.5kW x 15 units) Compressor 10 kW

- ③ Ratio of power used to generate power to generated power = power generated 10,000kW : power used 122.5kW (approximately 81.63: 1)

3. Comparison table with renewable energy and wind power.

Item	Wind-power generation	Gravity power generation
Installation location	Wind trails in the sea and in the mountains.	Anywhere on the earth.
Setup cost	300,000 yen / 1 kW (in the case of the ground) 5 to 10 times in the sea.	Approximately 200,000 yen / 1 kW
Electric generating capacity	(10,000 kW) 25% of annual power generation.	95% (stop during maintenance)
Installation period	About 3 years.	About 6 months.
Power sale fee	1 kW / 36 yen	1 kW / 8 yen
Environment	Generate low frequency. There is an adverse effect on birds	Nothing
Natural disasters	It is susceptible to earthquakes, tsunamis and typhoons. Lose appearance.	Nothing.

Advantages of a gravitation generator.

It prevents global warming (does not emit co2 or smoke)

(can compensate for the current shortcomings of natural energy (wind and solar).)

Oil, gas, bio and coal are not required because of attractive power generation.

Installation place is free. (town, In the mountains, desert, etc.)

Simple structure so hard to break, inexpensive and mass production possible.

Of natural energy, planned power can be generated.

The output of this machine is infinite.

Current energy generation is an alternative fuel (oil, gas, bio, coal), an alternative to global environmental destruction.

Our attractive power generation can clean energy everything!!