

[NEWS AIDS] Hanok architect Lee Jong Eun invented breakthrough solar power generator

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[Seoul-NewSea] Gye-Soo Kim, a specialist in hanok, has invented a new solar energy device that dramatically improves solar power generation, which is the most suitable way to solve the energy problems that humanity has encountered. .

Since the launch of the Boeing 1 in Reuters, there have been articles on the 'Lee Jong Eun Photovoltaic Power Plant' in 245 media including newspapers and broadcasts all over the world. It was also the top article or at least the box article.

As the work of the domestic inventor has never become such a global news, it is the evaluation of the relevant experts that the value of this work was first recognized in foreign countries. I met and heard the inventor himself.

Lee, Jong Eun, a Korean traditional vocational training school, a school that teaches how to build a hanok in Pyeongchang, Gangwon province, presented 'Lee Jong Eun Solar Power Generator' at the International Green Energy Expo held in Daegu from March 28 to 30. The Expo, which celebrated its 9th anniversary this year, has rented 1,200 booths with 400 companies from 23 countries to introduce new technology inventions and products. Since 2004, the Expo has been recognized as one of the world's

20th new and renewable energy exhibition.

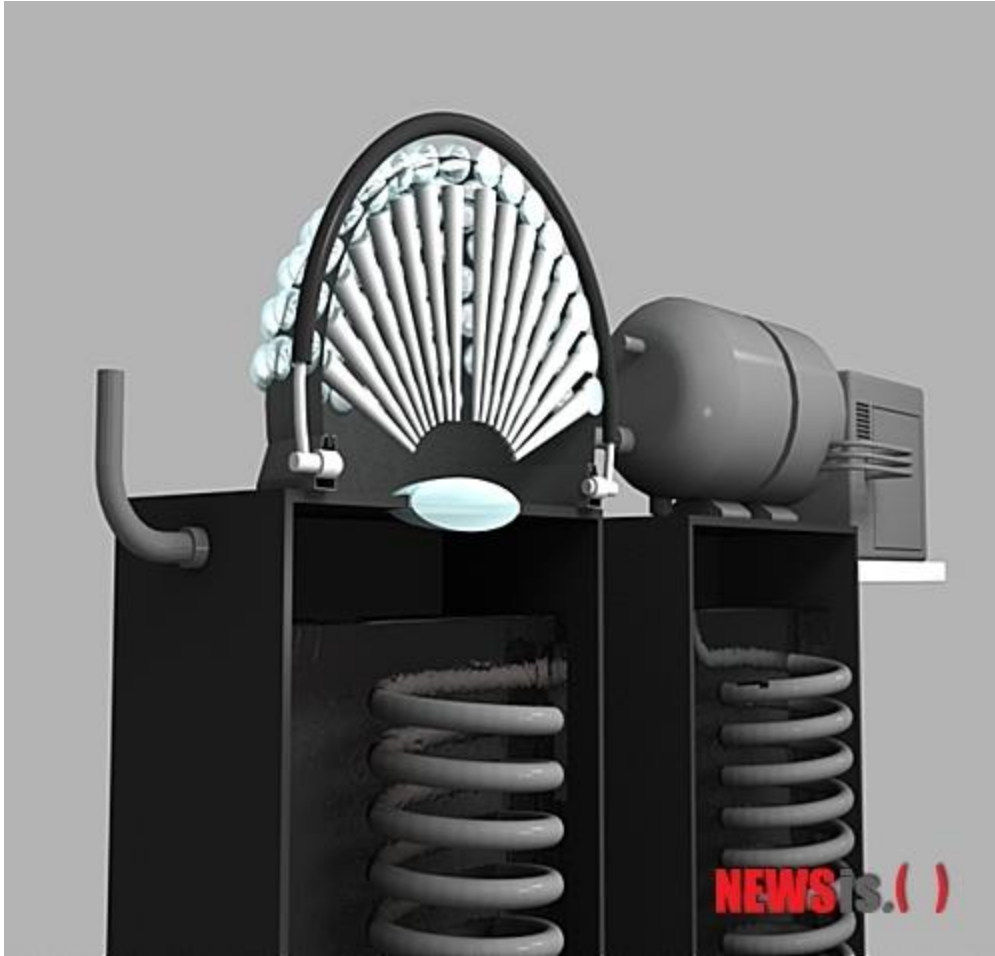
The Expo will include the world's No. 1 photovoltaic equipment Centrum (Germany), the world's No. 1 inverter manufacturer SMA (Germany) Global renewable energy companies such as Siemens (SIEMENS) and ST Microelectronics (ST microelectronics) participated in the solar power inverter and wind power industry . 40% of the exhibitors showed international recognition and status as overseas companies.

'Lee Jong Eun Solar Power Plant' has attracted attention by introducing a breakthrough system that solves the problems of all existing PV generators.

Conventional photovoltaic generators require energy because sunlight collecting plates have to rotate along with the movement of the sun, and it is costly and time consuming to clean, and effective generation time is limited. It is also very vulnerable to strong winds such as typhoons.

'Lee Jong Eun' is made from the dome shape of the astronomical observatory. The dome-shaped roof has a compact spherical lens that allows the sun to get sunshine at any angle, so the efficiency is better than the conventional one. It is based on the eyes of a dragonfly, and the resemblance 'Lee Jong Eun' is designed to be able to develop 24 hours a day 365 days a year.

Light passing through many dome-shaped spherical lenses is collected into a point in a cylindrical substructure, where the salt is melted like lava, and the water in the coil-shaped water pipe located in the cylinder is heated to 500 degrees or more, To generate electricity. Salt lava heated to about 1000 degrees Celsius will be able to store heat and turn turbines on snowy, rainy days.



This device can be installed in all buildings including the ground, the vehicle, the ship, the airplane train, etc., as well as the apartment house exclusive residential building.

When 'Lee Jong Eun' is put into practical use, we can solve the energy shortage problem from infinite solar energy to the energy production method using nuclear energy such as fossil energy and alternative energy, as well as conventional eco-friendly energy production methods such as wind geothermal heat and solar heat. I expect it to happen.

Mr. Lee has filed a patent for the solar power generation system using solar

energy on Nov. 5 last year, and completed the patent registration in an unprecedented two months. The related patent 'solar concentrator' was filed on November 25 and patent was registered on January 30.

The principal said that his work has been commissioned from all over the world since he was reported to the press.

"Israel, the US, Germany and the Netherlands have been contacting energy companies to invite them. In South Africa, calls came in at midnight, requests for interviews, Twitter and e - mails came up without numbers. He is interested in my invention, and will be evaluated as a breakthrough invention to solve the energy problem. "

He explained that his invention is strong against natural disasters, long life span, heat efficiency is remarkable, installation area is minimum.

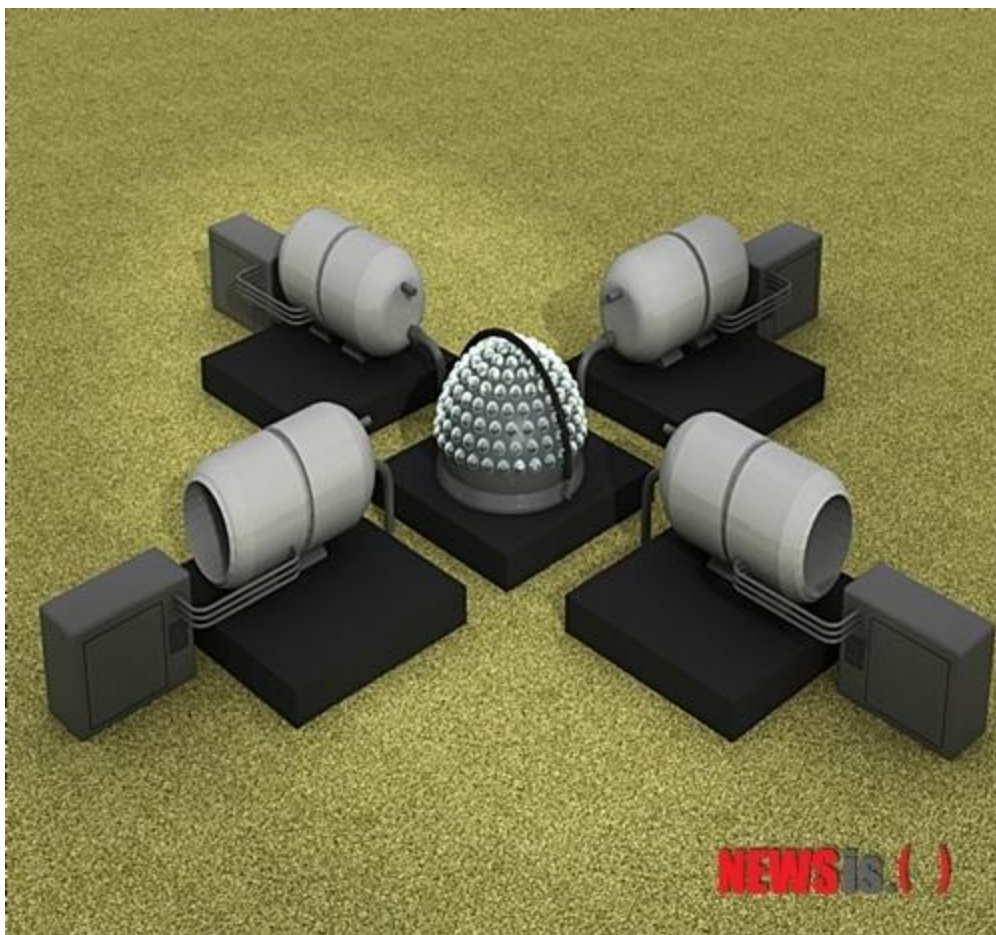
"I installed the solar panels on the beach, but it's hard to resist once the typhoon passes by. Reflector plate There is a limit to the life span of the collector plate, etc. If dust and dirt gets on it, you have to wipe out a lot of labor and cost.

The scheme was fully address these things, all-weather development approach followed by efficiency dwaeteumyeo maximize everywhere, are available in all energy agencies and building transportation installation is possible. " Yijongeun expression famous energy magazine in the United States covering ' the Clean Energy (Clean Energy) "he asked," Why did not the other people discover this simple principle? "

This principal answered this question.

"Even before Newton, a lot of people witnessed a drop of apples, but only Newton saw the same scene and found grave work. I thought everyone on

the planet would gather sunlight with a convex lens. I could not think of gathering light with a spherical lens. Spherical lenses were not able to apply the fact that the sun was focused at any angle. " I thought everyone on the planet would gather sunlight with a convex lens. I could not think of gathering light with a spherical lens. Spherical lenses were not able to apply the fact that the sun was focused at any angle. " I thought everyone on the planet would gather sunlight with a convex lens. I could not think of gathering light with a spherical lens. Spherical lenses were not able to apply the fact that the sun was focused at any angle. "



The principle is simple, but the structure of the actual generator is not so simple. The devices that amplify and collect light are all based on detailed

science and technology.

He is the headmaster of the Hanok school, but he was the first 'new founder' who was already jointly selected by the daily Economy and Information and Communication Policy Research Institute before the Kim Dae - jung government ' It was thanks to the construction of a church building by developing a vertical log house technique as a wooden architect. Since then, he has held dozens of patents, including decaying wood processing technology.

In 1995, he established the first Hanok School, the Green House School in Gwangju, Gyeonggi Province. In 1998, he received the Ministry of Labor's approval and opened a Korean vocational school in Pyeongchang, Gangwon Province. For the past 18 years, he has produced about 4,000 pieces of hanok architecture, and 300 ~ 400 people learn how to build hanok every year.

He said, "I will give the patents of solar cell power plants to the difficult countries all over the world." To solve the energy problem with the solar heat and to enjoy the benefit of civilization. He lives in the nature and says he also got ideas for solar power.

"Science education is learning what happened before today. However, nature constantly tells us what is going on now. What we know is that of the past and that the future of mankind is contained in nature. Can anyone who has a great scientific knowledge and skills can produce grass poles and mosquitoes? If you do not keep your chest open, we can not do it properly.

" He argues that grass we trivialize and tread on is tougher than human beings. He proved that surviving in all kinds of worse conditions for much longer than human beings. He became a carpenter since childhood as a

descendant of a carpenter who built Gyeongbok Palace.

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