

techman / October 28, 2012 06:54PM

[\[Creativity\] Taiwan Wins Big at British Invention Show](#)

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CNA - Focus Taiwan (2012/10/27) Taiwan bagged 22 gold, nine silver and seven bronze medals and three special awards at the 12th British Invention Show, its best showing ever at the United Kingdom's largest exhibition of invention, innovation and technology.

Taiwanese research teams from eight universities, two high schools and two companies presented 23 inventions offering new applications in wave power, green energy, and optoelectronics.

Taipei Chengshih University of Science and Technology was the biggest winner from Taiwan, taking 10 medals (nine gold and a silver) and two special awards -- Double Gold and Diamond -- for its six inventions.

Among them was an energy-controlled LED lighting device that won two of the golds and the Diamond award.

Yen-hsin TSAI, an associate professor at the university who invented the LED lighting device, said the device can automatically adjust its brightness based on changes in ambient light and that its microwave sensors can help motorists find their cars in an indoor parking lot.

TSAI's research team also won a gold medal and a Double Gold Award for an automatic sterilization device designed for shoes.

The sterilization device "is very convenient for people who wear shoes for a long period of time, for bowling alley operators and for people with athlete's foot, for example," TSAI said.

He said the disinfection rate of the UV-LED sterilizer reached more than 99 percent after 4 hours of operation.

The device, which has a timer, allows the user to dry, disinfect, sterilize and deodorize shoes rapidly, and it can also be adapted to any kind of footwear regardless of its shape and size, the inventor said.

A wave power generation system created by a team headed by associate professor Chien-heng CHOU from Vanung University in Taoyuan County also won two gold medals and a Platinum Award.

CHOU said the invention received "unanimous recognition" from inventors and experts from the United Kingdom, a country that he said has rich wave energy resources and encourages the use of wave power generation.

Taipei Medical University also won three golds and three silvers for its four inventions.

This year, a total of 155 exhibits from 15 countries were scored by a panel of 25 expert judges on behalf of the British Inventor's Society for the World Invention Award and British Invention of the Year Awards, which concluded in London Saturday.

Further Information:

[Academia Sinica Newsletter 2012/10/27](#)

[National Science Council International Cooperation Sci-Tech Newsbrief](#)

Edited 1 time(s). Last edit at 10/28/2012 07:00PM by techman.
