



Exhibition Extra

2008 Taipei Int'l Invention Show & Technomart

Sept. 25-28

www.InvenTaipei.com.tw www.twtm.com.tw/2008tech

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Bulletin Board

Show Dates & Hours

Sept. 25-28 9:30-17:30

Exhibition Extra

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Ministry of National Defense
Ministry of Education
National Science Council
Council of Agriculture

Hosted by:

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State-owned enterprises promote the latest innovation, research

Aerospace Industrial Development Corporation (AIDC), Taiwan Power, Taiwan Sugar, CPC Corporation, and Taiyen Biotech Co. Ltd. have joined forces in the State-Owned Enterprises Hall for the 2008 Taipei International Invention Show and Technomart.

"The AIDC provides tailor made solutions for customers such as the multi-function train driving simulator, which is on display at the fair," said Amigo Chen, business manager at the Business Management Section of AIDC, Taiwan's top research institute.

"The train and subway simulator

allows operators to save training costs and increase safety," he added.

The retail price of such high-tech solution device, already used by both Taipei and Kaohsiung's subway companies, as well as Taiwan Railway Administration (TRA), ranges between NT\$7 million and NT\$10 million, he pointing out.

Also, the Refining and Manufacturing Research Institute of CPC Corporation, Taiwan is putting on display some of its latest research in improving field operation to lower production costs and assessing facility safety during the fair.

Taiyen Biotech Co. Ltd, a

leading manufacturer of various salt products, brined chemical products, food and food additives, is presenting a new line of quality cosmetics for its Taiwan market. The company also exports its products to Asia and North America.

"Our latest product is a healthy food complement specially designed for children that combines the sweet taste of corn and the high efficiency of Chinese medicine," said Lee Yuan-sen, channel manager at Taiwan Sugar Corporation.

The innovative item is offered at the attractive price of NT\$45 all along the fair.



In addition, Taiwan Power, a leading supplier in power development, power supply and investment in power-related businesses in Taiwan, with a total assets nearly NT\$1.4 trillion, has developed new devices to measure energy consumption that help reduce energy waste and thus CO2 emissions.

Participants at the fair can further obtain information about the five companies at the State-Owned Enterprises Hall located within the Taiwan International Invention Award Winners Association group.

Development Center of Biotech aims to make Taiwan healthier

The Development Center of Biotechnology is a non-profit organization which engages in research and development (R&D) and training in an impressive range of fields in biotechnology.

Established in 1984 with the support of the Ministry of Economic Affairs, the Center aims to help develop Taiwan's biotechnology industry through its research. It consists of several departments including pharmaceuticals, environmental biotechnology, Chinese traditional medicine as well as running the

CGMP Biopharmaceutical Pilot Plant.

The Center's pharmaceutical R&D program is doing research to develop several types of medicine drugs, including cancer-fighting drugs to deal with lung cancer, colon cancer and kidney cancer. Other types of medicines and medicinal substances include a nasal insulin spray that eliminates the need for injections, as well as sprays for asthma.

The CGMP Biopharmaceutical Pilot Plant is a new plant that pro-



duces protein drugs, like monoclonal antibodies and recombinant proteins, used for clinical trials and for drug manufacturing. This plant is developed and run under the highest standards including U.S. FDA regulations.

The environmental biotechnology program aims to develop technology and processes for envi-

ronmental monitoring and contamination detection, pipeline pollution treatment and resource recovery. Some of the real-life applications include treating and cleaning of wastewater such as removing nanoparticles and metals.

The Chinese medicines on display were for cancer therapy, memory-enhancement, diabetes drug and immunity-boosting powder. The cancer therapy drug is meant to help cancer patients recover from the effects of chemotherapy such as weight loss and lack of energy. The memory-enhancing drug is meant to help seniors suffering memory loss avoid this condition and thus retain their memory.

Sept. 27 activity

14:00-16:45
Taipei Invention Awards Ceremony

Invention show demonstrates Taiwan at its most creative

The Taiwan Prominent Inventors' Association, KMall and a group of intelligent and golden-minded inventors will organize a show in October to demonstrate the best of their work, as well as help inventors find business opportunities.

The show, "Innovation Taiwan, Billions in Opportunities," will provide a venue for inventors to take part free of charge. It will be held from October 1 to the end of the month at KMall, right across from the Taipei Railway Station.

The public is welcome to attend the event. For more information please contact Mr. Ho Rung-hua at 0932-200-104.

Diverse inventions recognized with national awards

The National Invention and Creation Award winners represent the ultimate best in innovation and potential. Fifty-one individuals and six entities were chosen as award winners for their excellent practicality, market value and potential for mass commercial production.

Their inventions were in diverse fields such as electronic data storage, telecommunications, agriculture and even everyday items like pens. A total of NT\$13.75 million in cash prizes were awarded.

Cell phone maker HTC showcased a range of products including its P3300 PDA phone and S710 smartphone which won respectively the Gold medal and Silver medals for Creation. These represent the ultimate in mobile phones as they allow users to browse the Internet, email and even chat.

Taiwanese industrial computer maker Axiomtek won a Silver Creation award for its frame designs for industrial and medical computers. Its medical design is excellent for hospital computers because it is fan-



less and makes less noise than regular computers, dust-resistant, waterproof and boasts electromagnetic compatibility (EMC).

Its industrial design called Human Machine Interface (HMI) also uses fanless technology and is built to endure tough conditions in industrial plants. It is vibration-resistant and can be used in extended temperatures.

A Slim Chance of survival (ASC) enterprise won a silver Creation Award medal for its unique outer escape elevator. What makes it unique are two features. The first is that the elevator can be fitted into the frames of building windows or apartment balconies and when needed unfolds outward. The second is that it contains its own UPS electrical unit which turns on when it is used, thus allowing it to operate independently and reliably when a fire or electrical failure is going on in the building.

Foreign participants at pavilion demonstrate their creative juices

The Foreign Inventions Pavilion is filled with over 50 booths featuring products and promotions highlighting innovations from more than 15 countries all over the world.

While some countries featured inventions on show, others promoted products from their home country, seeking Taiwanese investment.

Notably, there was a delegation from the Hong Kong Invention Association which displayed several inventions ranging from electronic keyboard systems to mini projectors. Xuan Ming Development Co., a member of the delegation, showcased its low-emission gas burner for cooking, which emits much less carbon oxide than regular burners and is safer than regular stove burners. Its efficient design allows it to reach temperatures as high as 1,200 degrees Celsius, less energy loss and prevent scalding on the surface.

From the Central American country of Guatemala was Dist-Eco (Distribuidora Ecologica) who showcased a versatile line of high-efficiency burners. Used for cooking, toasting and making tortillas, these

burners are already widely sold and used in Guatemala.

Russian firm Softwerk hoped to sell laser remote that came in two versions for business use or for playing games. The unique aspect of its remote is that the menu interface is displayed on the screen and controlled by the user pointing the laser at it and pressing buttons. The remote can be useful for classroom instruction and work presentations.

The Association of Polish Inventors' booth promoted various Polish inventions such as an electronic device for manufacturing carbon-coated fibrous materials, a self-reconfiguring vision system and camouflage clothing that provides cover even in infra-red light.

