

## News in Brief

### • Launch success

QST Corporation Limited in Jiading's Juyuan New Area said it and Hua Hong Semiconductor Limited have successfully launched an independent-patent single-chip three-axis gyroscope in China. A gyroscope is the most challenging product among motion sensors and it used to be monopolized by several international giants, said Xie Zhifeng, president of QST, which developed the new product for smart mobile terminals such as smartphones, tablet PCs, smart watches, intelligent wearable devices and application of the Internet of Things.

### • New chapter

A CHARITY reading room was unveiled in Nanxiang's Tianyu School last month. Nanxiang Town's autonomous association for retired cadres donated books and stationery to the school. The school library lacked books and the donation helped it obtain 15 boxes of books.

### • Training trends

NANXIANG Town recently trained more than 140 business attraction workers from five development areas. Experts from Fudan University were invited to give lectures to them on China's economic trends, investment attraction systems, technologies and skills.

### • Test completed

A DISTRICT level cross-border e-commerce platform was successfully tested with the completion of its first order and it will be put into formal operation soon, reporters were told at the Jiading Export Processing Zone. The platform is delivering imported food and beverages initially and its business scope is expected to expand to clothing, infant products, electronics, cosmetics and luggage, as these are the overseas products which are in relatively high demand from customers.

# Research center monitors green cars

Li Huacheng and Zhu Jing

The only research center of its kind nationwide, the Shanghai New Energy Vehicle Public Data Collecting, Monitoring and Research Center is on the third floor of Shanghai International Automobile City Building in Anting Town.

The private non-profit organization collects real-time data from more than 20,000 new energy vehicles.

The center has an LED screen which is 4 meters wide by 3 meters high. Real-time information of each registered car is shown on a map of China on the screen in green and gray spots. Green spots are cars on the move while gray

means the cars are parked. According to deputy director Ding Xiaohua, the screen shows information of 25,000 cars that have enjoyed the city's benefit policies. "The data is updated every 30 seconds, including battery information and driving routes, but no private information about the cars," he said. A thermodynamic chart of the cars will be used to provide supporting data for the city planner to set up more charging posts in the most popular areas.

Another picture shows driving routes of the cars with a zoom-in view focusing on the downtown area of Shanghai. It becomes clear that more new energy car owners live in central Shanghai. "The

policy that each new energy car comes with a free Shanghai license plate starting with A is much more attractive than cash subsidies to car buyers as most owners are from downtown areas," Ding said.

The center launched a mobile app in August in a bid to make it easier for drivers to look for charging posts and relevant information.

The center is cooperating with 20 car makers and companies such as Volvo and BMW. Meanwhile, it will work with some research organizations and universities to conduct research in big data applications. Many overseas companies are also showing interest in the center.



## • Kiwi fruits looking ripe for picking

A farmer checks out some kiwi fruits at a vegetable and fruit garden in Waigang Town, Jiading District. There are five different varieties of fragrant kiwi fruits in this garden, which are now in season and very popular with Jiading residents. — Gu Jialan

## Rapid growth of company is only logical

Wang Anqi and Tom Qian

A HIGH-TECH detection machine maker in Jiading District is expanding rapidly thanks to its self-developed logical algorithm.

Liu Mingming has hired 15 employees for Shanghai InnoVision Boot Intelligent Co Ltd, a leading machine vision equipment supplier. Logical algorithm is the core technology of the equipment, which was once monopolized by foreign manufacturers.

Liu set up the company at the beginning of the year, supplying equipment to Foxconn and other leading manufacturers.

The machine vision equipment is widely used in the manufacture of cell phones and automobiles.

In 2005 Liu joined Foxconn as an electrical engineer in Kunshan in Jiading's neighboring Jiangsu Province. He took less than a year to become familiar with all the electrical equipment in the plant. In 2006 he received an outstanding employee award.

In 2010 domestic demand for machine vision equipment surged. However, there were few companies with core technology in the area. Imported equipment was costly and maintenance was difficult. Liu decided to quit the job and start his own business from scratch.

At the beginning he couldn't make any money, but he believed that logical algorithm was the core of machine vision equipment, and he spent all his time developing it.

A robot manufacturer from Taiwan ordered 200 sets of machine vision equipment, which gave Liu the drive to devote all his time to research.

Finally he succeeded to submit the system to the client, but the client cancelled the order. However, to his relief, the logical algorithm became the core of technology in all his products.

The machine vision system Liu developed is half the price of its imported peers.

## Expert teams on call at Anting's new hospital

Guan Wenfei and Zhu Jing

WITH top-class teams, first-class equipment and a clean modern environment, Anting Hospital of the Third Hospital affiliated to Second Military Medical University, the former Eastern Hepatobiliary Surgical Hospital, opened to the public on October 18.

Six years ago, the Third Hospital Affiliated to Second Military Medical University signed a cooperation agreement with the government to relocate its Changhai Hospital to the Pudong New Area while transforming the Eastern Hepatobiliary Surgical Hospital into a comprehensive hospital relocated in Anting Town.

Staff at the new hospital include

around 30 expert doctors and professors in departments of general surgery, urology, respiratory medicine, neurology, gynecology and dermatology from sister hospitals, Changhai and Changzheng.

Located at 700 Moyu Road N., the hospital covers an area of 266,666 square meters.

Equipped with 1,500 beds, the hospital has four buildings for outpatients and emergencies, teaching and administration, medical technology and wards. It is the largest single hospital in the country to have been built at one go.

It also has a rehabilitation center with 294 beds, the only one of its kind in a Shanghai third grade class-A hospital.

Meanwhile, the hospital has 30 air-cleaning operation rooms with a batch of advanced medical equipment.

Apart from providing professional medical treatment, the hospital will continue research projects in various areas.

Located opposite Anting Hospital, the National Center for Liver Cancer Science and Technology led by renowned doctors Wu Mengchao and Wang Hongyang is the second national science center after the establishment of National Center for Nanoscience and Technology.

The center will focus on research into hepatitis and hepatic cirrhosis developing into cancer and the advanced medical treatment required.