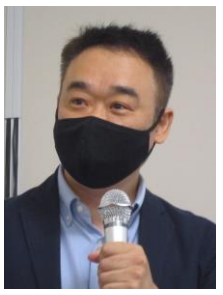
ENGLISH OVERVIEW

TNP Newsletter

2021/10/20

231th Business Plan Presentations Held on October 12, 2021
SHINYOKOHAMA-3CHOME-DAIHoll

1. Nexuspiral Inc.　President Mr. Naoyuki Masuda　http://nexuspiral.co.jp/(Japanese)



Established in January 2019　Capital stock：USD＄ 135,000

Nexuspiral Inc. is a venture firm established for the purpose of promoting practical utilization of sense-strand technology (ST). Developed at the Tokushima University, ST is a technology for genome editing using only nucleic acid.

Application of ST enables accurate editing in domains that are hard to handle by the existing genome editing technology. It is characterized by its easy delivery to cells because there is no need for protein. This feature can provide a high level of value in applications for genetic editing that require a particularly high degree of precision, such as human medical care. At present, the company is conducting research and development with a view to use in treatment for specific diseases based on this technology.

【Re-Cap】Nexuspiral's vision is to eliminate suffering caused by genetic diseases from the face of the earth. There are currently about 7,000 rare diseases, and about 80 percent of them are reportedly genetic in nature. People afflicted with rare diseases number about 350 million. There are therapeutic agents for only about 5 percent of these diseases; there are none for the other 95 percent. The therapeutic technology remains undeveloped because of the small scale of the respective markets. Nexuspiral intends to expand its business in connection with application for drugs and research tools, in collaboration with business companies.

2. Koaso Farm Co.,Ltd.　President Mr. Yasushi Rokugawa　https://www.koaso.com/(Japanese)

Established in September 2013　Capital stock：USD＄ 200,000

Each person has his or her own particular likes and dislikes in alcoholic beverages. Koasa Farm Co., Ltd. has developed a procedure and related supply method for determination of the trend of an individual's preferences based on objective chemical information. The procedure then applies a scoring scheme for matching with these preferences to establish transparent standards of assessment for use in selection of alcoholic beverages. The objective is to expand the circle of customers and increase sales through the resulting improvement in customer satisfaction. The company is planning to initiate a monitor program for the prototype (patent pending) in the fourth quarter of this year.

There is a high degree of individuality in going prices in the market for products such as wine. In addition, the market is characterized by high-diversity, low-volume production, and individual products can differ depending on the year. Without a certain level of experience, it can be difficult to judge flavor, the propriety of the price, and other factors. The company's objective is to provide readily convincing standards for application by consumers in selection of such projects. It is taking aim at refining the analytical model based on the monitoring data, and releasing and commercializing a beta version.

【Re-Cap】The company takes its name from the district in the city of Ueda, Nagano Prefecture, where it used to grow grapes. The completion of the data base on alcoholic beverage ingredients and preferences that it is targeting will facilitate selections and broaden the range of purchase. It is now recruiting about 1,000 monitors for the test of its data base of individual taste preferences. If you are interested in becoming a monitor, please contact the company.

3. PentaPro Materials Inc.　President Mr. Kuo Wen Che　http://www.ppmiglobal.com/en/

Established in March 2011　Capital stock：NT$ 337 million

PentaPro Materials Inc. is a manufacturer of advanced semiconductor process precursors.

Features: The company is the sole Taiwanese manufacturer of atomic layer deposition (ALD) precursors used in advanced semiconductor processes with design rules of 14 nanometers or lower. It also manufactures third-generation semiconductor epitaxial materials.

Agenda going forward: 1) Production and supply of ALD precursors for advanced semiconductor processes in Taiwan, and establishment of local supply chains, and 2) development of precursors needed for next-generation processes, and strengthen of its leading position in the industry.

【Re-Cap】PentaPro Materials appeared at the Business Plan Presentations meeting upon referral by the Taiwan ITRI New Venture Association. ALD is one of the film formation technologies applying a vacuum environment. It enables deposition of atoms one layer at a time, utilizing their self-limiting property. As compared to physical vapor deposition (PVD) and chemical vapor deposition (CVD), which are in extensive use in industry, it therefore offers benefits such as the following: 1) ultra-thin film formation, 2) film formation on structures with high aspect ratios, 3) film formation free of pinholes, 4) film formation with a good step coverage, and 5) film formation at low temperatures. ALD has good prospects for application in a variety of fields, such as: 1) semiconductors, 2) fuel cells, 3) lithium batteries, 4) organic EL, 5) solar cells, 6) displays, 7) optical elements, 8) LEDs, 9) piezoelectric elements, 10) medical services, 11) tools, 12) corrosion prevention, and 13) decoration.

《Impressions》 Because the state of emergency has been lifted, this Business Plan Presentations meeting included on-site participation. I should add that the presentation made by the Taiwanese firm through online connection with Taiwan was the first time we had an online connection with an overseas firm for the meeting.

There were no problems with the network environment at the meeting, and all the proceedings went smoothly. This leaves only two more meetings before the end of the year.

If your company would like to make a presentation at the meeting, please contact us at an early date, because the schedule is filled up for a few months in advance.

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