

**DuPont and Dainippon Screen to Develop Printed OLED Technology for  
Growing Flat Panel Displays Market  
Partnership to Focus on Reducing OLEDs Production Costs**

WILMINGTON, Del. and KYOTO, Japan, May 7, 2008 — DuPont and Dainippon Screen Mfg. Co., Ltd., today announced an exclusive partnership to develop integrated manufacturing equipment for printed organic light emitting diode (OLED) displays. Under terms of the agreement, DuPont and Dainippon Screen will bring together all of the elements needed – materials, technology and equipment - to commercialize and mass produce OLED displays, delivering higher performance at a lower cost.

OLEDs are displays in which the pixels are created using thin films made of emissive organic materials. Compared with liquid crystal displays (LCDs), OLEDs can have much higher contrast ratios, lower power consumption (because pixels draw power only when they are in use), faster response time, and eliminate the need for the backlight and color filter. Small-size active matrix OLED displays have recently become available from several manufacturers, but the current high-cost manufacturing process limits market adoption and prevents OLED manufacturing for large size displays like televisions.

“The flat panel display market is about \$100 billion annually and growing. DuPont is applying its science to make possible more vivid displays that are lower cost than current LCD displays,” said David B. Miller, group vice president, DuPont Electronic & Communication Technologies. “We are excited to combine our strengths with Dainippon Screen’s unique printing technology to bring to market the core technology that will enable improved high definition televisions and other flat panel displays.”

The companies are developing integrated coating and printing equipment for the fabrication of OLED displays from solution, an approach which is unique in the industry and significantly reduces manufacturing costs for OLED displays. DuPont brings to the partnership its unique small molecule-based OLED solution materials and proprietary process technology from which excellent performance has been obtained in testing. Dainippon Screen has developed a unique printing technology, called nozzle printing, in which the OLED materials can be printed accurately at very high speed. The goal of the partnership is to develop integrated OLED printing and coating equipment that will significantly reduce the production costs of flat panel displays, with the aim of extending OLED technology to large size displays and making them cost-competitive with LCDs.

The companies have been working together over the past three years to jointly develop nozzle printers as an efficient method for printing OLED displays from solution. The first production scale printer is currently being constructed.

“We were interested in extending our deep LCD equipment experience into the OLED marketplace and we felt that DuPont had developed a much needed, viable approach to OLED materials and technology that could expedite the commercialization of cost-effective OLED manufacturing,” said Yoshinari Yaoi, Corporate Senior Executive Officer, President of the FPD Equipment Company, Dainippon Screen. “We believe that this partnership could be the key for manufacturers to be able to produce affordable, high-quality larger sized OLEDs using our unique nozzle printer technology.”

DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation. For more information, please visit: <http://www.dupont.com>

Dainippon Screen, established in 1943, is a leading supplier of flat panel display and semiconductor equipment. Screen is currently involved in manufacturing production equipment in a variety of fields, including FPDs, semiconductors, printed circuit boards, and printing and prepress equipment such as thermal CtP recorders and on-demand printing systems. For more information, please visit: <http://www.screen.co.jp>

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