A New Opportunity for A & D in the Nanotechnology Field AVS 56th Symposium & Exhibition in San Jose, CA

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AVS (American Vacuum Society) International 56th Symposium & Exhibition was held in San Jose, California, USA from November 9 to 13, 2009. The exhibition was held from November 10 to 12, 2009 at the San Jose McEnery Convention Center in San Jose. Web site: <u>http://www.avs.org</u>

This year's symposium program consisted of 126 oral and 2 poster sessions on topics such as fundamental materials and surface science, material characterization, interfacial phenomena, surface engineering, micro / nano-electronics, nano-science and technology, material processing and equipment, and MEMS/NEMS processing and application. There were about 2750 attendees at this year's symposium and exhibition.



About 140 companies participated in the exhibition. There were quality corporate members to support the exhibition, such as Kratos Analytical Limited, which is a wholly owned subsidiary of Shimadzu Corporation of Kyoto, Japan, and Thermo Scientific group exhibitors.



We set up a booth in cooperation with our subsidiary, A&D Engineering, Inc. We would like to thank CEO Teruhisa Moriya , Ms. Masae Jimenez, and Mr. Jaime Valdez at A&D Engineering, Inc. for their support in setting up A&D 's booth at #812. Web site: <u>http://www.andonline.com</u>



This was the first opportunity for A&D Company Limited to participate in this exhibition and we displayed the following panels and promoted EB / FIB related products using 3 LCD

displays.

-Electron Beam (EB) column poster -Focused Ion Beam (FIB) column poster -A/D D/A Converter (DAC) poster

We also displayed a panel to promote the newly developed FIB-TOF-SIMS (Focused Ion Beam Time-of-Flight Secondary Ion Mass Spectrometer) from Toyama Co., Ltd., which incorporates A&D 's 30 kV Focused Ion Beam. The apparatus is equipped with a high lateral resolution ToF-SIMS and SEM function for seeking analytical targets. This system can also be utilized for surface analysis at the nano-level, and therefore can be used for defect analysis in semiconductor fields.



We also introduced products from our partner manufacturer, Pioneer FA Corporation and Pioneer Corporation. Pioneer has been developing Electron Beam Recorders (EBR) for high-density storage media since 1993. The EBR-301 model is equipped with a 50 kV electron beam for optical discs and next-generation optical discs. The EBR-401 model is equipped with a 100 kV electron beam and supports the development of discrete track and

bit patterned recording.



Thank you very much to all who visited our booth at the symposium and requested our catalogues. See you next year at the AVS 57th Symposium & Exhibition in Albuquerque, NM.