

December 9th 2013**Press Release**

Advent Technologies, Inc.
East Hartford, CT, USA
November 21, 2013

Dr. Emory S. De Castro joins Advent Technologies as its Chief Technology Officer

EAST HARTFORD- NOVEMBER 21- Advent Technologies, Inc., a world leader in the development of high temperature Membrane Electrode Assembly (MEA) announced today that Dr. Emory S. De Castro joined the Company as its Chief Technical Officer responsible for the overall technical, manufacturing and business development operations for Advent Technologies.

Prior to joining Advent, Dr. De Castro was a Vice President, Business Management and the site manager for BASF Fuel Cell Inc. in Somerset NJ. At BASF Dr. De Castro led marketing and sales, business development, quality control, and R&D direction all cumulating in nearly a four-fold increase in revenues. As the Executive Vice President at the E-TEK Division, De Nora North America he managed operations, created a global brand, and expanded the organization's fuel cell component business in Asia and Europe. Dr. De Castro has over 20 patent applications spanning fuel cell materials and catalysts, electrochemical technology, sensors, and a beer bottle cap that extends shelf life. He is the recipient of the 2013 Department of Energy Award for Manufacturing R&D in lowering the cost of gas diffusion electrodes and the 2005 ECS New Technology Award to E-TEK Division, for introducing and commercializing a new electrolysis technology. Emory De Castro received his Ph.D. from the Department of Chemistry at the University of Cincinnati and a B.S. in Chemistry from Duke University

Advent Technologies is involved in the development and manufacturing of High Temperature MEA technology for use in High Temperature PEM fuel cells and hydrogen clean up devices. The Advent's membrane is based on proprietary PBI free Advent TPS[®] polymer electrolytes (pyridine based polymers) that result in cost effective, high performing, and durable MEAs ideal for HT PEM fuel cells operating at temperatures between 150-220°C. Our product Advent TPS[®] has the distinction of performing at the highest temperature recorded for HT PEM MEA to this date worldwide.

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