

Carbon Nanotechnologies, Inc. and Entegris, Inc. to Develop Advanced Polymer Products

Houston, TX, USA - May 1, 2004 - Carbon Nanotechnologies, Incorporated (CNI) and Entegris, Inc. (Entegris) today announced a joint development agreement to develop and commercialize new and improved polymer products. CNI's breakthrough (single-wall) carbon nanotubes will be incorporated into Entegris' products, which protect and transport the critical materials that enable the world's leading technologies in diverse industries such as semiconductor, data storage, pharmaceutical, biotechnology, chemical processing, medical device, fuel cell and telecommunications.

Single-wall carbon nanotubes (SWNTs), also known as Buckytubes, are the ultimate engineering polymer, 100 times the strength of steel at less than one sixth the weight. This cylindrical polymer of pure carbon, said to be the strongest, toughest, stiffest material known, conducts electricity like metals and conducts heat better than diamond.

Bob Gower, CEO of CNI says, "We are pleased to be working with Entegris, a recognized leader in materials integrity management. We strongly believe that carbon nanotubes will lead to a new generation of Entegris products with even better performance in critical technology infrastructure. This relationship represents another important step in SWNT commercialization."

Wayne Olson, Entegris' Vice President of Engineering and Technology, adds, "CNI's leadership in carbon nanotechnology complements Entegris' core competencies of polymer material science, plastic product design and manufacturing, microelectronics process application knowledge, high purity fluid measurement and control and materials integrity management services. In conjunction with CNI, Entegris continues to drive continuous improvement in product performance to add value for our customer base."

Carbon Nanotechnologies, Inc.

CNI was founded in early 2000 to commercialize the scientific breakthroughs in carbon nanotechnology made at Rice University under the direction of Nobel prize-winning scientist Dr. Richard Smalley. CNI's intellectual property portfolio will bear on most applications that use carbon nanotubes - CNI controls approximately 100 patents and patent filings across SWNT production, modification and applications, with a total of more than 2500 claims, of which more than 650 are composition of matter claims. The issued and allowed claims total about 600, at least 40 of those being composition of matter claims.

Since 2000, CNI is actively developing new processes and applications for carbon nanotubes in its own laboratories and in those of industrial partners. CNI has completed several pilot plants at its Kellogg Brown & Root location in west Houston. By mid-2004 CNI expects to complete a demonstration plant that is designed to have a capacity of approximately 100 pounds per day. CNI plans to be responsive to market

demand and expects to be able to provide commercial production of approximately 1000 pounds per day of carbon nanotubes as early as 2005.

For more information: www.cnanotech.com

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Entegris, Inc.

Entegris is a materials integrity management leader in high technology. Today Entegris products protect and transport critical material within diverse industries such as semiconductor, data storage, pharmaceutical, biotechnology, chemical processing, medical device, fuel cell and telecommunications. We continue to leverage our competencies and infrastructure to take our materials integrity management capabilities to other industries.

Entegris products and services protect and transport critical materials such as ultrapure and corrosive fluids, silicon wafers, disks and devices used to manufacture chips and electronics. Our fuel cell offerings help control contamination, improve reliability and lower costs in our customers' fuel cells providing tools needed to help move this emerging technology from concept to commercialization(SM). Within the Life Sciences market, we are a leader in Clean-In-Place (CIP) technology and are integrating fluoropolymer components and fluid handling expertise to extend our reach.

For more information: www.entegris.com

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