

Tantech Develops High Value Added Products With Great Absorption Capacity

LISHUI, China, Dec. 8, 2016 /PRNewswire/ -- Tantech Holdings Ltd. (TANH) (Nasdaq: TANH) ("Tantech" or the "Company") announced today that it has successfully developed the new generation of infrared bamboo charcoal bedding articles, which feature excellent absorption, infrared and self-warming properties. These capabilities have been verified by the China National Supervision and Test Center for Eco-Product Quality, China National Supervision and Test Center for Infrared Product Quality, and Shanghai Research Institute of Chemical Industry Testing Center.

The new generation of infrared bamboo charcoal bedding articles includes bamboo charcoal fiber bedclothes, health-care mattress and pillows. According to TANH engineers, the bamboo charcoal is made out of carefully-selected high quality natural Moso bamboo, or tortoise-shell bamboo, and carbonized at a temperate of 1,100 degrees centigrade. Compared to the predecessors, the new products have a more extensive micro porous structure and a higher specific surface area. By releasing abundant highly active anion, they can effectively absorb the smell of human body and eliminate sweat odor, helping revitalize and moisture skin. Meanwhile, the far infrared rays emitted by the bamboo charcoal can store energy and warm up human body to make sleep more comfortable.

TANH Chairman Zhengyu Wang said the company has got rewarded for its vigorous research and development efforts. In addition to the upgraded bamboo charcoal products, the company has recently had three of its new energy vehicle models approved by the Ministry of Industry and Information for future launches. With the established postdoctoral workstation and researcher center, in the future the company will ramp up research and development on carbon materials, super electronic double layer capacitor carbon, batteries and new energy vehicles. The recent achievements will help the company lift sales, improve revenue and expand market share.

As a leading bamboo charcoal manufacturer, TANH's products have long been welcomed by consumers. The company's "Dr. Charcoal" series, has launched more than 100 bamboo charcoal products that have capabilities of eliminating odor and purifying air. The "Dr. Charcoal" series, which enjoys wide recognition in China, has reached consumers in overseas markets including the United States, Japan, Korea and Europe.

About Tantech Holdings Ltd.

Established in 2001 and headquartered in Lishui City, Zhejiang Province, China, Tantech Holdings Ltd. ("Tantech" or the "Company"), together with its subsidiaries, develops and manufactures bamboo-based charcoal products, including a variety of branded consumer products and electric double-layer capacitor ("EDLC") carbon products for industrial energy applications. The Company is in the process of acquiring 100% interest in Suzhou E Motors Co., Ltd., a specialty electric vehicles and power batteries manufacturer based in Zhangjiagang City, Jiangsu Province, and aims to transform itself from a bamboo-based charcoal products producer to a vertically integrated company along the EDLC Carbon - power battery - specialty new energy vehicle value chain. For more information about Tantech, please visit: <http://www.tantech.cn/en/index.asp>.

Forward-Looking Statements

This news release contains forward-looking statements as defined by the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements concerning plans, objectives, goals, strategies, future events or performance, and underlying assumptions and other statements that are other than statements of historical facts. These statements are subject to uncertainties and risks including, but not limited to, product and service demand and acceptance, changes in technology, economic conditions, the impact of competition and pricing, government regulations, and other risks contained in reports filed by the company with the Securities and Exchange Commission. All such forward looking statements, whether written or oral, and whether made by or on behalf of the Company, are expressly qualified by this cautionary statement and any other cautionary statements which may accompany the forward-looking statements. In addition, the Company disclaims any obligation to update any forward-looking statements to reflect events or circumstances after the date hereof.

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