Nano One Granted Chinese Patent for Lithium Ion Battery Applications

written by Raj Shah | February 13, 2019

February 13, 2019 (Source) – Dr. Stephen Campbell, CTO at Nano One Materials Corp. **(TSXV: NNO) (OTC Pink: NNOMF) (FSE: LBMB)**, is pleased to announce the recent issuance of a patent in China. Nano One now has eleven patents issued around the globe with Chinese patent ZL2014800279145 being directed to improved lithium ion batteries, using cathode materials made by Nano Ones' patented process.

"It is a significant milestone for Nano One to have extended its intellectual property protection into China," said Dr. Campbell, *"and this complements a growing portfolio of patents in Taiwan, Japan, Korea, US and Canada that have been issued, covering process, materials and batteries with an additional 30+ patents pending in the same jurisdictions including Europe. China is undergoing tremendous growth in lithium ion batteries and this latest patent serves us well, both with multinational and Chinese battery interests."*

Nano One's process differs from other cathode manufacturing methods because the aqueous process provides an intimate mixture of lithium, nickel, cobalt and other metal atoms prior to thermal processing. It does so without having to grind or mill and this can reduce contamination, shorten time in the furnace, improve crystallinity and enable alternative feedstocks. The patented process also provides alternative ways to build

performance enhancing elements into the cathode.

Dr. Campbell added *“We have an innovative scientific team at Nano One and our strategy on intellectual property is to be constantly refining processes and developing enhanced materials. This adds to our knowledge and intellectual property; strengthening our relationships with our industry leading partners.”*

Nano One Materials Corp.

Dan Blondal, CEO

About Nano One

Nano One Materials Corp (“Nano One” or “the Company”) has developed patented technology for the low-cost production of high performance lithium ion battery cathode materials used in electric vehicles, energy storage and consumer electronics. The processing technology addresses fundamental supply chain constraints by enabling wider raw materials specifications for use in lithium ion batteries. The process can be configured for the full range of cathode materials and has the flexibility to shift with emerging and future battery market trends.

Nano One has built a pilot plant to demonstrate high volume production and to optimize its technology across a range of materials. The pilot plant is being funded with the assistance and support of the Government of Canada through Sustainable Development Technology Canada (SDTC) and the Automotive Supplier Innovation Program (ASIP) a program of Innovation, Science and Economic Development Canada (ISED). Nano One also receives financial support from the National Research Council of Canada Industrial Research Assistance Program (NRC-IRAP). Nano One’s mission is to establish its patented technology as a leading platform for the global production of a new generation of

battery materials. **www.nanoone.ca**

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