PRESS RELEASE

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Dreamweaver International collaborates with Nano-Nouvelle to support development of high rate, high energy electrode materials

Dreamweaver International and Nano-Nouvelle announce a collaboration to support Nano-Nouvelle's development of the Nanode™ range of high performance electrodes for advanced battery systems.

Nano-Nouvelle's unique high surface area, three dimensional electrodes are to be used in two battery chemistries. The nickel cathode allows the same power to be generated from a smaller sized, lower cost battery, for use in nickel metal hydride batteries, and the tin anode provides 20-50% more energy capacity than existing technologies, for use in lithium ion batteries. With applications in the energy storage grid, stop/start vehicles, niche portable devices, mobile electronics and electric vehicles, the technology has the potential to affect everyday lives as well as contributing to the future of clean technologies.

In order to use processes that are proven for large scale manufacturing, Nano-Nouvelle requires high surface area substrates made with materials that can be delivered efficiently at high volumes. "Dreamweaver's advanced nanofiber membranes provide a fitting, low cost, high surface area platform on which to build our electrode structures," said Stephanie Moroz, CEO of Nano-Nouvelle.

Dreamweaver can tailor the substrate for each electrode application developed by Nano-Nouvelle and also scale the production quickly as Nano-Nouvelle aims to license the Nanode™ technology to battery manufacturers. "We look forward to working with Nano-Nouvelle's licensees, and can provide sustainable manufacturing capability of up to hundreds of millions of square meters per year through our existing manufacturing partners," said Brian Morin, President & COO of Dreamweaver International. One million square meters could potentially make cathode materials sufficient for 650,000 micro hybrid vehicles. Dreamweaver has existing partnerships with the Herty Advanced Materials Development Center (www.herty.com) and P.H. Glatfelter Corp (NYSE: GLT, www.glatfelter.com) to manufacture Dreamweaver membranes.

“This is an exciting opportunity for us to contribute broadly to advancing the state of the art of advanced technology batteries,” said Jim Schaeffer, Dreamweaver’s CEO.

About Nano-Nouvelle

Nano-Nouvelle Pty Ltd is a materials technology company developing products for its 3D nano-porous conductive membranes for energy, environmental, chemical and biomedical applications. Nano-Nouvelle was founded in 2011 and is headquartered near Brisbane, Australia. For more information contact info@nanonouvelle,com.au or visit our website at www.nanonouvelle.com.au.

About Dreamweaver International

Dreamweaver International Inc. is an advanced technology company whose products use a combination of nanofibers and microfibers to deliver best-in-class performance in lithium ion batteries, supercapacitors and alkaline electrolyte primary cells. Dreamweaver was founded in 2011 by Jim Schaeffer and Brian Morin, and is headquartered in Greenville, SC. For more information call 864-968-3320 or visit our website at www.dreamweaverintl.com.

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