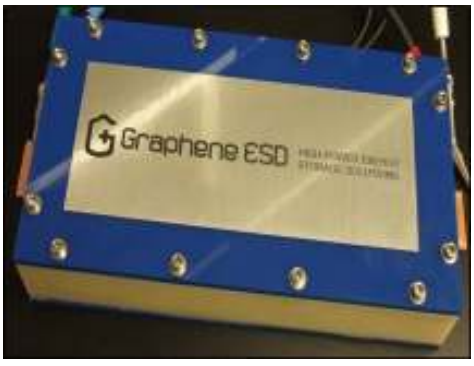
LOMIKO TECHNOLOGIES TO PRESENT NEW GRAPHENE SUPERCAPACITOR PROTOTYPE AT BATTERY MATERIALS CONFERENCE IN TORONTO

September 21, 2016

Vancouver, B.C. & Toronto, Ontario – Lomiko Technologies, a 100% owned subsidiary of Lomiko Metals Inc. ("Lomiko") (TSX-V: LMR, OTC: LMRMF, FSE: DH8B), is pleased to announce it will be presenting a summary of the Graphene Energy Storage Devices Corp. (GESD) Graphene Supercapacitor Project at the Battery Material Conference hosted by Mines and Money at the St. Andrews Club in Toronto September 26, 2016.

"New smart phones and electric vehicles do not need new batteries. They need high-density energy storage supercapacitors that provide 10 times the energy in the same size package. New device power requirements will quickly outstrip the current battery designs and the materials used in them." states A. Paul Gill, CEO Lomiko Technologies Inc. "There is a buzz about lithium because people are talking about supplying materials for current designs such as the Lithium-ion battery. Graphene ESD sets out in a different direction. It is focused on making a better energy storage device."

Fig.1 Graphene ESD Supercapacitor Prototype



Supercapacitors are promising energy storage devices. Due to their fast charge-discharge characteristics, low equivalent series resistance, long cycle life, wide operating temperatures, supercapacitors are finding application in transportation, industrial and grid energy storage. There is rapidly growing demand for capacitive energy storage systems with high power and energy densities. However, individual supercapacitor units have very low stand-off voltage, < 3

V. In order to increase the operation voltage to a practical level, > 3 V, the EDLCs are connected in series stacks. The EDLCs need to be interconnected and balanced with an electronic circuit, which results in a bulky and expensive energy storage system.

Currently, GESD is working on scale-up of the technology and an in-field evaluation of the energy storage unit with Stony Brook University. The GESD-SBU team demonstrated design and implementation of a sealed high-voltage EDLCs energy storage unit. The unit is internally balanced, there is no need for an external circuit. The electrode is very cost-effective nano-carbon composite either of a commercial carbon or of graphene platelets with carbon nanotubes. The nano-carbon electrode materials were used for deposition and assembly of a working prototype of an internally balanced high-voltage energy storage unit. The bench-top prototype unit, tested up to 10 V, exhibited good discharge characteristics and charge retention. This development enables new compact energy storage solutions for grid and vehicular applications.

About Graphene ESD

Graphene ESD is developing energy storage based on graphene platelets. High surface area and outstanding electrical conductivity of graphene enable devices with a unique combination of fast charge/discharge and large stored energy. Our device utilizes graphene platelets manufactured from high-quality natural graphite from a low-cost scalable process. Graphene ESD is 40% owned by **Lomiko Technologies Inc.,** a 100% owned subsidiary of Lomiko Metals ("Lomiko") (TSX-V: LMR, OTC: LMRMF, FSE: DH8B). e-mail: info@graphene-esd.com

For more information on Lomiko Technologies and Lomiko Metals, review the website at www.lomiko.com, contact A. Paul Gill at 604-729-5312 or email: info@lomiko.com.

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