

Graphene 3D Lab Files Patent Application for Industry's Most Advanced 3D Printer And Innovative, Graphene Based Organic LED Light Source



TSX-V: GGG, OTCQB: GPHBF

NEW YORK, Dec 3, 2015 /CNW/ - Graphene 3D Lab Inc. (**TSX-V: GGG, OTCQB: GPHBF**) ("Graphene 3D") is pleased to announce it has filed a provisional patent application relating to the process of 3D printing an organic LED light source with their innovative multi-functional 3D Printer. The printer patent relates to technology that will lead the global industry in multiple deposition techniques, robotic manipulator, laser and UV curing capabilities. The patent also covers a new 3D printer that can print a light source, an organic LED light that immediately functions when printed. The organic LED device structure utilizes a graphene coated transparent conductor window.

"We consider this new IP a dramatic leap forward, offering the ability to 3D print with multiple functional materials at the same time, including the ability to 3D print a working light. This printer was specifically designed to maximize the attributes of the functional materials we have already, and will introduce in the future to the market," said Elena Polyakova Co-CEO of Graphene 3D. "Industrial builders will now have a printer with functionality that allows users to expand the potential of the projects they can design and manufacture. We believe these patents reflect the most advanced and functional 3D printer available anywhere today."

"A primary mission of our company is to revolutionize 3D printing by making it capable of easily fabricating functional objects, things that work and can be used. Incredibly, we have developed the technology of 3D printing a light source 'from scratch', with one touch of a button," added Daniel Stolyarov, Co-CEO of Graphene 3D. "Our main focus is developing specialized 3D printing techniques and materials that push past the boundaries of what is currently available."

The printer will not be available immediately for pre-order. The company is currently evaluating contract manufacturing and partnership opportunities to support commercialization of the printer.

About Graphene 3D

Graphene 3D Lab is in the business of developing, manufacturing, and marketing proprietary graphene-based nanocomposite materials for various types of 3D printing, including fused filament fabrication. The Company is also involved in the design, manufacture, and marketing of 3D printers and related products for domestic and international customers.

The Graphene 3D Lab facility is located in Calverton, NY and is equipped with material processing and analytical equipment. The company has five US patent applications pending for its technology. For more information on Graphene 3D Lab, Inc., visit www.graphene3dlab.com.

For further details concerning Graphene 3D, please see the Company's filing statement on SEDAR (www.sedar.com) under the Company's profile.

Except for statements of historical fact, all statements in this press release, including, but not limited to, statements regarding future plans, objectives and payments are forward-looking statements that involve various risks and uncertainties.

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SOURCE Graphene 3D Lab Inc.

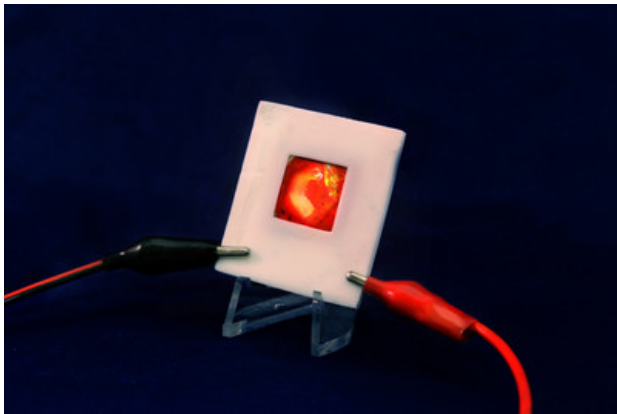


Image with caption: "Graphene 3D Prototype Multi-functional Printer (CNW Group/Graphene 3D Lab Inc.)". Image available at: http://photos.newswire.ca/images/download/20151203_C7110_PHOTO_EN_557645.jpg

Image with caption: "Organic LED Light (CNW Group/Graphene 3D Lab Inc.)". Image available at: http://photos.newswire.ca/images/download/20151203_C7110_PHOTO_EN_557647.jpg

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CNW 08:40e 03-DEC-15