

## PyroGenesis Files Provisional Patent for an Improved 3D Powder Production Process - Higher Production Rates, Better Distribution of Powders

MONTREAL, June 8, 2015 /CNW Telbec/ - **PyroGenesis Canada Inc.** (<http://pyrogenesis.com>) (TSX-V: PYR.V), a TSX Venture 50® clean-tech company (the "Company" or "PyroGenesis") that designs, develops, manufactures and commercializes plasma waste-to-energy systems and plasma torch products, announced today that it has filed a provisional patent for a new plasma atomization process. This new process enables PyroGenesis to produce metallic powders at higher production rates while, at the same time, controlling powder size distribution. The need to produce particles of a specific particle size distribution at increasingly higher production rates is driven by the growing demand created by the additive manufacturing industry, particularly 3D printing. It is expected that PyroGenesis' will file a world-wide patent application within 12 months.

The Plasma Atomization Process (PAP) is an enabling technology for 3D Printing as well as other additive manufacturing and powder metallurgy applications. PyroGenesis' technology has the distinction of producing highly flowable and very pure spherical metallic powders, all highly sought after characteristics in additive manufacturing applications.

"Additive manufacturing is a US\$2.5 billion industry and it is expected to grow to US\$10 billion by 2020. High quality powders such as those produced by PyroGenesis, is an essential element fueling this growth," said Peter Pascali, CEO.

"Once again, our engineering team has proven its ability to innovate thus creating value for our shareholders. Our patent portfolio now includes 38 allowed, pending and/or provisional patents, covering 14 different inventions. This is in addition to our having access to 10 other patents," said Pierre Carabin, Director of Engineering.

### About PyroGenesis Canada Inc.

PyroGenesis Canada, a TSX Venture 50® clean-tech company, is the world leader in the design, development, manufacturing and commercialization of advanced plasma processes. We provide engineering and manufacturing expertise, cutting-edge contract research, as well as turnkey process equipment packages to the defense, metallurgical, mining, advanced materials (including 3D printing), oil & gas, and environmental industries. With a team of experienced PyroClass™ engineers, scientists and technicians working out of our Montreal office and our 3,800 m<sup>2</sup> production facility, PyroGenesis maintains its competitive advantage by remaining at the forefront of technology development and commercialization. Our core competencies allow PyroGenesis to lead the way in providing innovative plasma torches, plasma waste processes, high-temperature metallurgical processes, and engineering services to the global marketplace. Our operations are ISO 9001:2008 certified, and have been since 1997. PyroGenesis is a publicly-traded Canadian company on the TSX Venture Exchange (Ticker Symbol PYR.V). For more information, please visit [www.pyrogenesis.com](http://www.pyrogenesis.com)

*This press release contains certain forward-looking statements, including, without limitation, statements containing the words "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "in the process" and other similar expressions which constitute "forward-looking information" within the meaning of applicable securities laws. Forward-looking statements reflect the Company's current expectation and assumptions, and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated. These forward-looking statements involve risks and uncertainties including, but not limited to, our expectations regarding the acceptance of our products by the market, our strategy to develop new products and enhance the capabilities of existing products, our strategy with respect to research and development, the impact of competitive products and pricing, new product development, and uncertainties related to the regulatory approval process. Such statements reflect the current views of the Company with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Company's ongoing filings with the securities regulatory authorities, which filings can be found at [www.sedar.com](http://www.sedar.com). Actual results, events, and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements. The Company undertakes no obligation to publicly update or revise any forward-looking statements either as a result of new information, future events or otherwise, except as required by applicable securities laws.*

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