

First Tellurium Corp. Subsidiary PyroDelta Receives Favorable Opinion from the World Intellectual Property Office

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The written opinion considers that all pending claims in the application are novel and inventive.

[First Tellurium Corp.](#) (CSE: FTEL, OTC: FSTTF) reports that PyroDelta Energy Inc., a majority-owned subsidiary of First Tellurium Corp., has received a favorable written opinion from the World Intellectual Property Office (WIPO) regarding its international patent application for capillary casted thermoelectric junction technology in its thermoelectric generator. The written opinion considers that all pending claims in the application are novel and inventive.

A favorable written opinion is a milestone in the patent process, providing validation of the uniqueness and potential value of the capillary casted thermoelectric junction technology. This positive outcome strengthens PyroDelta's intellectual property position and supports the company's ongoing efforts to commercialize its thermoelectric solutions.

"We have been waiting on the WIPO opinion before going too much further with development and marketing of the device," said First Tellurium President and CEO Tyrone Docherty. "A strong platform protecting our intellectual property is essential going forward, and this confirmation from WIPO represents a crucial step."

Docherty acknowledged that this cautious approach has frustrated shareholders. "I know many of our investors have wanted to see faster progress in getting the technology to market," he said. "However, based on advice and warnings from legal counsel and industry experts, protecting PyroDelta's intellectual property had to take precedence."

While waiting for feedback from the WIPO, PyroDelta continued to refine and road test its tellurium-based, thermoelectric generator/radiator. In over 1,400 kilometers (870 miles) of test driving, the device has proven its ability to provide steady and effective cooling as well as generation of electricity to charge the battery and power all the vehicle's electric components.

"The technology is solid," said PyroDelta Head Engineer Michael Abdelmaseh. "With the intellectual property better protected, we are now reaching out to automobile and auto parts manufacturers as well as other potential users who have contacted us over the past few months."

Docherty added that, following recent discussions with representatives of the BC government regarding heat pump applications for the device, PyroDelta has been encouraged to apply for various energy-related provincial grants.

"We feel confident that we can now explore non-dilutive sources of funding," said Docherty. "Both Provincial and Federal governments in Canada are eager to fund new technologies that can save energy and money. We believe the PyroDelta thermoelectric generator can be a game-changer for a range of industry and household applications, not only for heat pumps but also combustion and electric vehicles, greenhouses, solar energy and AI data centers."

About First Tellurium Corp.

First Tellurium's unique business model is to generate revenue and value through mineral discovery, project development, project generation and development of tellurium-based technologies.

First Tellurium is listed on the Canadian Stock Exchange under the symbol "FTEL" and on the OTC under the symbol "FSTTF". Further information about FTEL and its projects can be found at www.firsttellurium.com.

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