



# Lion battery technologies Georgia

Who is Lion Battery Technologies?

Credit: &#169; Anglo American. Lion Battery Technologies, a subsidiary of platinum-group metals (PGM) miners Platinum Group Metals and Anglo American Platinum, has been issued a US patent for its next-generation battery technology using platinum and palladium.

Is platinum and palladium the future of battery technology?

The possibility of creating additional demand for platinum and palladium in the battery technology space is an exciting development and of strategic importance to both parties.

Is a lithium battery the answer to a revolutionised battery type?

While lithium is the clear answer to calls for a revolutionised battery type, existing models suffer from short battery lives and overheating - problems that, alongside charge-rate capability, the work of Dr El-Zahab seeks to address. "The modern lithium battery is good and is a step forward, but it's still not what we need," Jones adds.

The patent includes the use of platinum group metals and carbon nanotubes and other innovations in a lithium battery. Lion was jointly formed in 2019 by Platinum Group ...

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Titled "Battery Cathodes for Improved Stability", the new patent number US 11,038,160 B2 covers a preparation method that uses PGM catalysts in carbon materials for use as cathodes with increased emphasis on lithium ...

Under a sponsored research agreement, Lion has exclusive rights to all technology being developed by FIU with Lion funding, including granted patents. The new patent was issued on ...

MONTREAL, Dec. 7, 2023 /PRNewswire/ - The Lion Electric Company (NYSE: LEV) (TSX: LEV) ("Lion" or the "Company"), a leading manufacturer of all-electric medium- and heavy-duty ...



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