

American Manganese Inc.

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American Manganese marks major milestone with grant of patent for flagship technology

American Manganese Inc (OTCMKTS:AMYZF) (CVE:AMY) has marked a significant milestone, as it has been awarded a patent for its lithium-ion battery cathode material recycling technology.

The granting of the patent by the US patent and trademark office provides legal protection for the technology, the company says.

Norm Chow, the inventor of the technology, added that the achievement ... "confirms that our research is both novel and inventive.

READ: American Manganese to take part in U.S. Department of Energy project focused on EV battery recycling

"It is extremely exciting to have the opportunity to potentially contribute to the sustainability of future global electrification, which I believe will be valuable to the long-term health of our planet."

British Columbia-based American Manganese has a patent-approved process for recovering metals from lithium-ion batteries such as cobalt, lithium, nickel, manganese, and aluminum.

The new patent comes at a time of surging demand for lithium-ion batteries as part of the trend towards 'the electrification of everything'.

Big increase in demand

According to the Benchmark Mineral Intelligence battery mega-factory tracker, there is a forecast 400% increase in lithium-ion battery production capacity to 1 TWh (terawatt hours) by 2028 in order to meet electric vehicle demand outlook.

"When developing this technology, we looked at current methods of recycling waste lithium-ion batteries and discovered high heat smelting to be the primary method," said Chow.

"Because active cathode materials are oxides, the first thing that came to mind was the comparison to steelmaking. Since smelting iron ore in steelmaking generates a considerable amount of CO2, we were compelled to develop an alternative process with a sustainable focus.

"During research development, we applied Near Net Shape manufacturing principles with the goal of efficiently recycling cathode material and generating products as close to the final form as possible, with minimum processing steps."

Shares in Toronto were unchanged at \$0.145 each.

Contact Giles at giles@proactiveinvestors.com

Price: \$0.19

Market Cap: \$33.33 m

1 Year Share Price Graph



Share Information

Code: AMY

Listing: TSX-V

52 week	High	Low
	0.305	0.13

Sector: Tech

Website: www.americanmanganeseinc.com

Company Synopsis:

American Manganese Inc. is a critical metals company focused on the recycling of lithium-ion batteries with the RecycLiCoTM Patented Process. The process provides high extraction of cathode metals, such as lithium, cobalt, nickel, manganese, and aluminum at battery grade purity, with minimal processing steps. American Manganese Inc.

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