



MGX Minerals Announces Publication and International Filing of Metal-Air Fuel Cell Patent; Eyes Mobile and Marine Applications

VANCOUVER, BRITISH COLUMBIA / February 7, 2018 / **MGX Minerals Inc.** (“MGX” or the “Company”) ([CSE: XMG](#) / [FKT: 1MG](#) / [OTCQB: MGXMF](#)) is pleased to announce that 100% wholly-owned subsidiary **ZincNyx Energy Solutions, Inc.** (“ZincNyx”) has received notice of publication of its patent describing metal-air fuel cells under the Patent Cooperation Treaty (PCT/CA2016/051080). The patent application has entered the National Phase and numerous international jurisdictions are designated for filing. ZincNyx currently owns 20 United States patents covering metal air batteries and fuel cells. Key technical features of the referenced patent application include:

- An apparatus for encouraging the settling of metal-air particles in the electrolyte (anode) chamber of a fuel cell.
- A serpentine arrangement for flowing electrolyte through the anode chamber of the fuel cell.
- A stack of bipolar cells oriented in a horizontal or vertical arrangement.
- A method for charging a fuel cell with a bed of metal particles

ZincNyx technology has been developed around the utilization of zinc as the anode fuel, which offers numerous advantages over other forms of metals due to its unique attributes which include high energy density, abundant availability, low cost, and ease of storage and handling. The regenerative system does not require fuel replacement and offers scalable energy capacity through simple introduction of additional fuel tanks. Additionally, because the energy and power capabilities of the system have been completely decoupled, investigation into its viability within much broader sectors beyond mass storage are currently underway, including introduction into both mobile and maritime environments as an alternative to diesel engines.

To watch a short video outlining ZincNyx technology, please visit <http://www.zincnyx.com/technology/>

About ZincNyx Energy Solutions

To learn more about ZincNyx technology visit www.zincnyx.com.

About MGX Minerals

MGX Minerals is a diversified Canadian resource company with interests in advanced material and energy assets throughout North America. Learn more at www.mgxminerals.com.

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