

# AETHER CATALYST SOLUTIONS, INC. ANNOUNCES PCT PATENT APPLICATION

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BURNABY, BRITISH COLUMBIA, CANADA, November 14, 2023 /EINPresswire.com/ -- Aether Catalyst Solutions, Inc. ("ATHR" or the "Company") (CSE: ATHR) (FSE:2QZ) is delighted to announce that it has filed a PCT Patent Application entitled "MIXED METAL OXIDE CATALYST AND COMPOSITIONS AND PROCESSES FOR THE PRODUCTION THEREOF".

Modern catalytic converters are often comprised of many chemistries, sometimes in several locations, all working in harmony to clean the exhaust gasses of vehicles. The key components of the catalyst chemistries are precious metals often referred to as Platinum Group Metals (PGMs). PGMs are highly effective catalysts but are also exceptionally expensive due to their rarity and processing costs. Aether's catalyst formulation uses zero Platinum Group Metals, instead relying upon cost effective mixed metal oxides to provide the catalytic activity.

Given the cost and supply chain difficulties inherent in the acquisition and processing of PGMs, and the increasing geopolitical risks in the areas that mine them, it is no surprise that when faced with increased loadings of PGMs to meet rising emissions standards, OEMs are actively looking for alternatives.

Taylor Procyk, COO of Aether states "Aether's work on this catalyst has produced a thorough understanding of the way its elemental make-up affects desired catalytic behaviour. This has led to a patent application that focusses on composition of matter. Protecting our catalyst from a composition perspective is the best way to ensure we retain control of the technology as we begin to address our many emerging commercialization opportunities."

Paul Woodward, CEO of Aether commented "We are delighted to make this formal PCT Patent Application; it is especially timely as we have reached the collaboration phase of commercialization, and this application will allow us to share more freely with existing and engaged partners."

## ABOUT AETHER:

Aether Catalyst Solutions, Inc., a clean air company, is focused on providing an order of magnitude cost reduction in automotive catalytic converter catalyst, while meeting, or exceeding government emission standards. Aether is working to quickly advance its technology through rapid screening of new material combinations. While Aether's primary focus has been automotive applications, the company is also developing catalysts to address small motors

emissions – a significant contributor to urban air pollution.

FOR FURTHER INFORMATION PLEASE CONTACT:

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