



March 26, 2014

To whom it may concern:

I am writing in support of the novel Mathers hydro-mechanical transmission (HMT). This concept was recently awarded a two year research grant from the Center for Compact and Efficient Fluid Power (CCEFP.org), a NSF back research center and the premier fluid power research organization in the USA. The competition for these awards was extremely fierce and goes to show how promising the technology potential is viewed by our organization. A large number of industry experts were included in the project selection process.

As a member of the CCEFP leadership team I am regularly exposed to the latest research trends in fluid power from around the world. The potential of this technology truly excites me for a number of value added reasons. Foremost is the continuously variable nature of this transmission which enables optimum operation of the vehicle's engine. Second is the high efficiency at which power is transmitted through the transmission by combining both hydrostatic and mechanical pathways. Third is the extremely compact nature in which this HMT provides infinitely variable torque and speed. And, perhaps most importantly, the potential to provide this transmitted power in an unparalleled, low cost manner due to the compact packaging that is possible.

In closing I offer my contact information below to anyone who would like to discuss the merits of this technology and a standing invite to visit our research center to observe the affiliated research underway.

Sincerely,

A handwritten signature in blue ink that reads "Michael J. Gust". The signature is written in a cursive style.

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