

ACTION REQUEST

Subject: Research Agreement between the University of Michigan and HiperNap, LLC.

Action Requested: Authorization to enter into Agreement

Preamble:

A statutory conflict of interest situation was identified by the Office of Research and Sponsored Projects while reviewing the Proposal Approval Form that then triggered a review by the OVPR Conflict of Interest Review Committee. A plan for management of the possible risks associated with the conflicts of interest was developed by this Committee and agreed to by the parties involved.

This proposed research agreement ("Agreement") falls under the State of Michigan Conflict of Interest Statute because Assistant Professor Shorya Awtar is both an employee of the University of Michigan ("University") and a partial owner of HiperNap, LLC. The law permits such an agreement provided it is disclosed to the executive officers and approved in advance by a 2/3 vote of the Regents of the University of Michigan.

Background:

Dr. Awtar, an Assistant Professor of Mechanical Engineering in the College of Engineering, is a partial owner of a for-profit company called HiperNap, LLC (the "Company"). The Company was formed to develop ultra-high precision motion systems, aka nanopositioning systems.

The Company wishes to support a research project directed by Dr. Awtar in the University's Department of Mechanical Engineering entitled *Moving Magnet Actuators for Nanopositioning* (University ID 12-PAF07668), which requires the use of facilities and resources of the University.

Agreement Terms:

The terms of the proposed Agreement conforms to University policy. The period of performance for the project is expected to be six (6) months and the amount of funding support is anticipated at \$33,823.

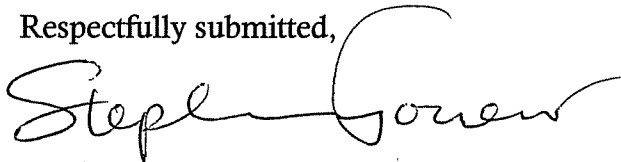
Impact of the Agreement:

The terms of the proposed Agreement will support an effort by Dr. Awtar to use his expertise and his University laboratory, as well as other University resources to establish the feasibility of a novel moving magnet actuator concept that holds the potential for simultaneously providing 10-millimeter stroke and 1 nanometer resolution and precision.

Recommendation:

This matter has been reviewed and approved by the OVPR Conflict of Interest Review Committee. In light of the disclosure made in this document and our finding that the Agreement was negotiated in conformance with standard University practices, I recommend that the Board of Regents approve of the University's entering into this Agreement with HiperNap, LLC.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stephen Forrest". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Stephen R Forrest  
Vice President for Research

November 2012