

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PULAK NATH	07/13/2017
JEN-HUANG HUANG	05/09/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15488119
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<b>SIGNATURE:</b>	/Johanna P. Schwartz/
<b>DATE SIGNED:</b>	08/09/2017
<b>Total Attachments: 2</b>	
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source=96789-02 Assignment#page2.tif	

## ASSIGNMENT

WHEREAS, we, **Pulak Nath**, of Los Alamos, NM and **Jen-Huang Huang**, of Los Alamos, NM, have invented certain invention(s), as described at least in part, in the following patent application:

U.S. Patent Application No. 15/488,119, filed on April 14, 2017, entitled  
"MAGNETICALLY CONTROLLED VALVE AND PUMP DEVICES AND  
METHODS OF USING THE SAME,"

which application and invention(s) are collectively referred to as "the Invention."

WHEREAS, **Los Alamos National Security, LLC**, a Delaware Limited Liability Company, located at the Los Alamos National Laboratory, LC/TAS, P.O. Box 1663, Los Alamos, New Mexico 87545, desires to acquire an interest therein:

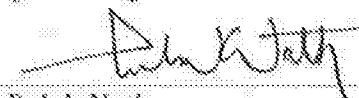
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, **Pulak Nath** and **Jen-Huang Huang** hereby sell, assign, and transfer to Los Alamos National Security, LLC, all right, title, and interest we have in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Los Alamos National Security, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made and agree that we will communicate to Los Alamos National Security, LLC, or its successors and assigns, any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Los Alamos National Security, LLC, its successors, and assigns to obtain and enforce proper patent protection for the Invention in the United States or any foreign country.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to Los Alamos National Security, LLC.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with

all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.



Pulak Nath

At Los Alamos, NM

(City and State)

on this 13 day of July, 2017



Jen-Huang Huang

At Hsiachw, Taiwan

(City and State)

on this 9th day of May, 2017