

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4350718

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RASHI IYER	01/12/2016
PULAK NATH	12/15/2015
JEN-HUANG HUANG	10/13/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LOS ALAMOS NATIONAL SECURITY, LLC
<b>Street Address:</b>	LOS ALAMOS NATIONAL LABORATORY
<b>Internal Address:</b>	LC/TAS P.O. BOX 1663
<b>City:</b>	LOS ALAMOS
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87545
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15513945
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
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<b>Phone:</b>	5035955300
<b>Email:</b>	morgan.rafalski@klarquist.com
<b>Correspondent Name:</b>	KLARQUIST SPARKMAN, LLP
<b>Address Line 1:</b>	121 SW SALMON ST., SUITE 1600
<b>Address Line 2:</b>	ONE WORLD TRADE CENTER
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	8472-94953-03_JPS
<b>NAME OF SUBMITTER:</b>	JOHANNA P. SCHWARTZ
<b>SIGNATURE:</b>	/Johanna P. Schwartz/
<b>DATE SIGNED:</b>	04/03/2017
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

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

PCT Patent Application No. PCT/US2015/052043, filed on September 24, 2015, entitled "DEVICES FOR FLUID MANAGEMENT AND METHODS OF MAKING AND USING THE SAME,"

the application and invention is referred to herein 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, **Rashi Iyer**, **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.

  
\_\_\_\_\_  
Rashi Iyer

At LOS ALAMOS, NM  
(City and State) 2016 - clf 2/5/16  
on this 12 day of January, 2015.

\_\_\_\_\_  
Pulak Nath

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Jen-Huang Huang

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

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

\_\_\_\_\_  
Rashi Iyer

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Pulak Nath

At Los Alamos, NM  
(City and State)  
on this 15 day of DECEMBER, 2015.

\_\_\_\_\_  
Jen-Huang Huang

At \_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

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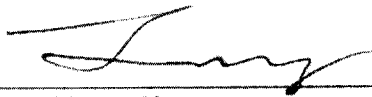
At \_\_\_\_\_  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Rashi Iyer

At \_\_\_\_\_  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Pulak Nath

At Los Alamos, NM  
\_\_\_\_\_  
(City and State)  
on this 13 day of October, 2015.

  
\_\_\_\_\_  
Jen-Huang Huang