504294435 03/28/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANSON HATCH	03/02/2017
CHUNG-YAN KOH	03/02/2017
VINAY ABHYANKAR	03/24/2017

RECEIVING PARTY DATA

Name:	Sandia Corporation	
Street Address:	P.O. Box 5800, MS-0161	
Internal Address:	Legal Technology Transfer Center	
City:	Albuquerque	
State/Country:	NEW MEXICO	
Postal Code:	87185	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15273408

CORRESPONDENCE DATA

Fax Number: (505)844-9955

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (925)294-3143

Email: jlnguye@sandia.gov

Correspondent Name: SANDIA NATIONAL LABORATORIES

Address Line 1: 7011 EAST AVENUE
Address Line 2: PO BOX 969, MS 9031

Address Line 4: LIVERMORE, CALIFORNIA 94551-9031

ATTORNEY DOCKET NUMBER:	SD12792.1/S132526	
NAME OF SUBMITTER:	MADELYNNE J. FARBER	
SIGNATURE:	/Madelynne J. Farber/	
DATE SIGNED:	03/28/2017	

Total Attachments: 6

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PATENT 504294435 REEL: 041769 FRAME: 0806

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source=SD12792_1_Fully_Executed_Assignments_Hatch_Koh#page4.tif
source=SD12792_1_Fully_Executed_Assignment_Abhyankar#page1.tif
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PATENT REEL: 041769 FRAME: 0807

ASSIGNMENT

WHEREAS, Anson Hatch of Tracy, CA, Vinay Abhyankar of Keller, TX, and Chung-Yan Koh of Dublin, CA, has(have) made an invention relating to MODULAR ASSEMBLIES AND SYSTEMS FOR CELL CULTURES AND METHODS THEREOF, in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in Application Serial No. 15/273,408 for United States patent, filed on September 22, 2016 and identified as DOE Docket No: S-132526 duly executed by said inventor(s) and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

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PATENT REEL: 041769 FRAME: 0808 Signed at Livermore, California.

An 2		3/0	2/2017
Anson Hatch		·	Date
A notary public or other officer c verifies only the identity of the in document to which this certificate truthfulness, accuracy, or validity	dividual who signed the e is attached, and not the		
STATE OF CALIFORNIA)		
) ss:		
COUNTY OF ALAMEDA)		
Subscribed and sworn to (or af by Anson Hatch , proved to n before me.			
Notary Public signature My commission expires:	7/17/2020		JASMIN NGUYEN Notary Public - California Alameda County Commission # 2160124 ly Comm. Expires Jul 17, 2020
Approved and consented by:			
		SANDIA CORI	PORATION
Date: 166 MAR 2017		Madelynne J. Fa	Stacker,

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Senior Patent & Licensing Attorney Legal Technology Transfer Center

ASSIGNMENT

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Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

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PATENT REEL: 041769 FRAME: 0810

Signed at Livermore, California. 3/2/2017 A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. STATE OF CALIFORNIA) ss: COUNTY OF ALAMEDA Subscribed and sworn to (or affirmed) before me on this 2rd day of March, 201 7, by **Chung-Yan Koh**, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. JASMIN NGUYEN Notary Public - California **Alameda County** Commission # 2160124 Comm. Expires Jul 17, 20 My commission expires: 7 17 2020 Approved and consented by: SANDIA CORPORATION Date: 06 MAR 20017

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Senior Patent & Licensing Attorney Legal Technology Transfer Center

ASSIGNMENT

WHEREAS, Anson Hatch of Tracy, CA, Vinay Abhyankar of Keller, TX, and Chung-Yan Koh of Dublin, CA, has(have) made an invention relating to MODULAR ASSEMBLIES AND SYSTEMS FOR CELL CULTURES AND METHODS THEREOF, in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in Application Serial No. 15/273,408 for United States patent, filed on September 22, 2016 and identified as DOE Docket No: S-132526 duly executed by said inventor(s) and

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PATENT REEL: 041769 FRAME: 0812

Signed at For + Worth, Texas. (city)	
Vinay Abhyankar	3/24/17 Date
STATE OF TEXAS) ss: COUNTY OF Tarrant)	
Sworn to and subscribed before me on the <u>24th</u> d. <u>Vinay Abhyankar</u> .	lay of <u>March</u> , 201_, by
Notary Public signature	JANINE M. COX Notary Public, State of Texas Comm. Expires 05-12-2018 Notary ID 125691438
My commission expires: May 12, 2018	(Personalized Seal)
Approved and consented by:	
	SANDIA CORPORATION
Date: 27 MAR. 2017	Madelynne J. Farber

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PATENT REEL: 041769 FRAME: 0813

Senior Patent & Licensing Attorney Legal Technology Transfer Center