PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2844641

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DA	ATA					
			Name		Execution Date	
GRANT BIEDERMANN					04/22/2014	
HAYDEN JAMES EVANS MCGUINNESS					04/22/2014	
AKASH RAKHOLIA					04/22/2014	
YUAN-YU JAU					04/22/2014	
PETER SCHWINDT					04/22/2014	
DAVID R. WHEELER					04/22/2014	
RECEIVING PARTY DAT						
Name:	Sandia	-				
Street Address:			00, MS-0161			
Internal Address:	Legal T	Techno	ology Transfer Center			
City:	Albuqu	erque				
State/Country:	NEW N	/EXIC	0			
Postal Code:	87185					
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PATENT REEL: 032834 FRAME: 0991

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ASSIGNMENT

WHEREAS, Grant Biedermann, Hayden James Evans McGuinness, Akash Rakholia, Yuan-Yu Jau, Peter Scwindt and David R. Wheeler of Albuquerque, New Mexico (hereinafter "Inventor(s)") has(have) made an invention relating to LIGHT-PULSE ATOM INTERFEROMETRIC DEVICE, 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 an application for United States patent, identified as Application No.: 14/208,259, Filed on March 13, 2014, DOE Docket No: S-129,874 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 in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, 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) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to Sandia Corporation, for its interest as Sandia Corporation, its successors and assigns.

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. Inventor(s) agrees, 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

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PATENT REEL: 032834 FRAME: 0993 or incident to the prosecution of any or all U.S. and foreign 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.

Signed at Albuquerque, New Mexico.

Grant Biedermann

Huyla James Evan Mednimmen Hayden James Evans McGuinness

Akash Rakholia

Yuan-Yu Jau

Peter Schwindt

David R. Wheeler

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Lori L. Holslin, Notary Public, Grant Biedermann, Hayden James Evans McGuinness, Akash Rakholia, Yuan-Yu Jau, Peter Schwindt and David R. Wheeler, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

You' R. Uta

Notary Public

OFFICIAL SEAL Lorí L. Holslín 80008.076-0332030 Ny Commission Expires

Page 2 of 3

<u>4/22/14</u> Date

4/22/14 Date

4/22/14

Date

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Date

<u>/22/14</u> Date

PATENT REEL: 032834 FRAME: 0994 Approved and consented by:

Date: 2014

SANDIA CORPORATION

Kerry Kampschmidt Sr. Managing IP Counsel Legal Technology Transfer Center

STATE OF NEW MEXICO)) ss: COUNTY OF BERNALILLO)

On the above date, personally appeared before me, Diana Cates, Notary Public, Kerry Kampschmidt, to me known to be the individual described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

Piane	Cales Notary Public	My Commission	OFFICIAL SEAL Diana Cates NOTABY PUBLIC STATE OF NEW MEXICO Expires:	and the second second second