502723745 03/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2770349

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. CICH	10/18/2013

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:	14023348

CORRESPONDENCE DATA

Fax Number: (505)844-1418

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

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Correspondent Name: SANDIA NATIONAL LABORATORIES

Address Line 1: P.O. BOX 5800, MS-0161

Address Line 2: LEGAL TECHNOLOGY TRANSFER CENTER

Address Line 4: ALBUQUERQUE, NEW MEXICO 87185

ATTORNEY DOCKET NUMBER:	: SD11957/S129194	
NAME OF SUBMITTER:	LORI HOLSLIN	
SIGNATURE:	/Lori Holslin/	
DATE SIGNED:	03/14/2014	

Total Attachments: 4

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PATENT 502723745 REEL: 032448 FRAME: 0161

Docket No.: SD11957/S129194

ASSIGNMENT

WHEREAS, Michael J. Cich of Freemont, California, has(have) made an invention relating to PHOTON DETECTOR CONFIGURED TO EMPLOY THE GUNN EFFECT AND METHOD OF USE 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 U.S. Application No.: 14/023,348, filed September 10, 2013, DOE Docket No: S-129,194, 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.

Docket No.: SD11957/S129194

Signed at <u>FREMONT</u> , <u>CA</u> (0	City, State)
Michael J. Cich	
STATE OF CALIFORNIA) ss: COUNTY OF ALAMEDA) On the above dates, personally appeared before me Michael J. Cich, to me known to be the individual	. ANKE WAR. Notary Public,
instrument, and who acknowledged to me that they	
Notary Public	ALLUEV W. WANG . Commission & 1016820 : Water All Controls : Alameda Opinty W Domin Fronce Dee 42 days

Docket No.: SDI 1957/SI 29194

Approved and consented by:

Date: $\frac{2/2\%}{2014}$

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.

Notary Public

OFFICIAL SEAL
Diana Cates
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires:



PATENT REEL: 032448 FRAME: 0165

RECORDED: 03/14/2014