PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2953378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL J. RESNICK	11/14/2011
ERIC LANGLOIS	11/14/2011

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:	14340012

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 505-844-2285 Email: lholsli@sandia.gov

SANDIA NATIONAL LABORATORIES **Correspondent Name:**

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: SD-11754.1/S139270 DIV **NAME OF SUBMITTER:** LORI HOLSLIN SIGNATURE: /Lori Holslin/ **DATE SIGNED:** 07/24/2014

Total Attachments: 2

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PATENT REEL: 033388 FRAME: 0032 502906781

ASSIGNMENT

WHEREAS, Paul J. Resnick and Eric Langlois, of Albuquerque, New Mexico has(have) made an invention relating to Fully Integrated Encapsulated Micro-Fabricated Vacuum Diode and Method of Manufacturing Same 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 DOE Docket No:

S-121,454 duly executed by said inventors 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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Signed at Albuquerque, New Mexico.

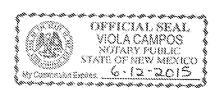
Paul J. Resnick

STATE OF NEW MEXICO

) 88:

COUNTY OF BERNALILLO)

On above dates, personally appeared before me, Notary Public, Paul J. Resnick and Eric Langiois 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.



Tiola Campor

Notary Public

Approved and consented to this 22 day of November 2011.

Kerry Kampschmidt Chief IP Counsel

Legal Technology Transfer Center

PATENT REEL: 033388 FRAME: 0034

RECORDED: 07/24/2014