## 502900874 07/21/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2947471

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROY H. OLSSON	05/30/2014
THOMAS A. FRIEDMANN	07/08/2014
SARA JENSEN HOMEIJER	07/08/2014
MICHAEL WIWI	07/10/2014
KHALID MIKHIEL HATTAR	07/08/2014
BLYTHE CLARK	07/08/2014
TODD BAUER	07/08/2014
STUART B. VANDEUSEN	07/08/2014

## **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:	14288236

## **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

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: SD-12809.0/S-132537

NAME OF SUBMITTER: LORI HOLSLIN

502900874 PATENT REEL: 033356 FRAME: 0632

SIGNATURE:	/Lori Holslin/
DATE SIGNED:	07/21/2014
Total Attachments: 4	
source=SD-12809_0_Assignment_AsRecorded_07-21-2014#page1.tif	
source=SD-12809_0_Assignment_AsRecorded_07-21-2014#page2.tif	
source=SD-12809_0_Assignment_AsRecorded_07-21-2014#page3.tif	
source=SD-12809_0_Assignment_AsRecorded_07-21-2014#page4.tif	

PATENT REEL: 033356 FRAME: 0633

### **ASSIGNMENT**

WHEREAS, Roy H. Olsson, Thomas A. Friedmann, Sara Jensen Homeijer, Michael Wiwi, Khalid Mikhiel Hattar, Blythe Clark Todd Bauer and Stuart B. Van Deusen of Albuquerque, New Mexico, (hereinafter "Inventor(s)") has(have) made an invention relating to A SINGLE CRYSTAL MICROMECHANICAL RESONATOR AND FABRICATION 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 an application for United States patent, identified as Application No.: 14/288,236, Filed on May 27, 2014, DOE Docket No: S-132,537 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

Page 1 of 3

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 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.

R204-	65/35/2014
Roy H. Olsson	Date
Thomas A. Friedmann	Date
Sara Jensen Homeijer	Date
Michael Wiwi	Date
Khalid Mikhiel Hattar	Date
Blythe Clark	Date
Todd Bader	Date
Stuart B. Van Duesen	Date

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 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.	
- Annual Communication of the	·
Roy H. Olsson	Date
Thomas A. Friedmann	7/8/2014 Date
Sara Jensen Honstijer	7/4/2015/ Date
Michael Wiwi	7/10/2014 Date
Khalid Mikhiel Hattar	July & 2014 Date
Blythe 13-Clark Blythe Clark	구/종/나 Date
Todd Bauer	7/8/14 Date
Stud Van Ocus	Telz 8,2014 Date

STATE OF NEW MEXICO	)
COUNTY OF BERNALILLO	) ss: )
Olsson, Thomas A. Friedmann, Sar Hattar, Blythe Clark Todd Bauer, a	red before me, Lori L. Holslin, Notary Public, Roy H. a Jensen Homeijer, Michael Wiwi, Khalid Mikhiel and Stuart B. Van Deusen, to me known to be the ecuted the foregoing instrument, and who acknowledged to
Notary Public	OFFICIAL SEAL LOTIL HOISIIN  NOTARY PUBLIC STATE OF NIVE S
Approved and consented by:	
	SANDIA CORPORATION
Date: 7/1/ 2014	Kerry Kampschmidt Sr. Managing IP Counsel
	Legal Technology Transfer Center
STATE OF NEW MEXICO	) ss:

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.

OFFICIAL SEAL

Diana Cates

NOTARY PUBLIC
STATE OF YEW MEXICO

Page 3 of 3