502804312 05/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2850908

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| LOS ALAMOS NATIONAL SECURITY | 12/20/2013 |

RECEIVING PARTY DATA

| Name: | U.S. DEPARTMENT OF ENERGY | |
|-----------------|----------------------------|--|
| Street Address: | 1000 INDEPENDENCE AVE., SW | |
| City: | WASHINGTON | |
| State/Country: | DISTRICT OF COLUMBIA | |
| Postal Code: | 20585 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12627639 |

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DATE SIGNED: 05/12/2014

Total Attachments: 1

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PATENT REEL: 032868 FRAME: 0362 Rev. 11/02/2006

DOE Docket No. S-121,224 LAD 2010-093 Filed by Chevron Energy Technology Company under CRADA 10518.4

CONFIRMATORY LICENSE

Application for :

System and Method for Measurement Incorporating a Crystal Oscillator

Inventor(s)

Dipen N. Sinha et al.

Serial No.

12/627,639

Filing Date

11/30/2009

U.S. Patent

Issue Date Contract No.

DE-AC52-06NA25396

Contractor

LOS ALAMOS NATIONAL SECURITY

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract effective June 1, 2006, governing patent rights in the Subject Invention has been submitted to the U.S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contract hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed

LOS ALAMOS NATIONAL SECURITY

Bruce H. Cottrell

IP Practice Group Leader

PATENT REEL: 032868 FRAME: 0363

RECORDED: 05/12/2014