

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
LOS ALAMOS NATIONAL SECURITY	03/09/2012
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:	13292929
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Total Attachments: 1 source=S-129168#page1.tif	

CONFIRMATORY LICENSE

Application for : System and Method for Investigating Sub-Surface Features and Three-Dimensional Imaging of Non-Linear Property, Compressional Velocity VP, Shear Velocity VS and Velocity Ratio VP/VS of a Rock Formation

Inventor(s) : Cung Vu et al.

Serial No. : 13/292,929

Filing Date : 11/09/2011

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.

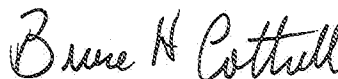
The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout 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 March 9, 2012
Date

LOS ALAMOS NATIONAL SECURITY



Bruce H. Cottrell
IP Practice Group Leader