

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Patrick V. Brady	08/23/2011
James L. Krumhansl	08/23/2011
RECEIVING PARTY DATA	
Name:	Sandia Corporation
Street Address:	P.O. Box 5800
Internal Address:	MS-0141
City:	Albuquerque
State/Country:	NEW MEXICO
Postal Code:	87185
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13226276
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Correspondent Name:	Sandia Corporation
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Address Line 2:	MS-0161
Address Line 4:	Albuquerque, NEW MEXICO 87185
ATTORNEY DOCKET NUMBER:	SD11418/S118611
NAME OF SUBMITTER:	Olivia J. Tsai
Total Attachments: 2 source=SD11418_Assignment#page1.tif source=SD11418_Assignment#page2.tif	

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**PATENT**  
**REEL: 027045 FRAME: 0137**

August 23, 2011

## ASSIGNMENT

WHEREAS, **Patrick V. Brady and James L. Krumhansl of Albuquerque, New Mexico** has(have) made an invention relating to **WATERFLOODING INJECTATE DESIGN SYSTEMS AND METHODS** 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-118,611** duly executed by said inventors and

WHEREAS, I/we hereby authorize and request my attorney, Olivia Tsai of Sandia Corporation, to insert here in parentheses (Application number 13/226,276 , filed 9/6/2011) the filing date and application number of said application when known;

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.

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Signed at Albuquerque, New Mexico.

Patrick V. Brady  
Patrick V. Brady

08/23/2011

Date

James L. Krumhansl  
James L. Krumhansl

08/23/2011

Date

STATE OF NEW MEXICO       )  
  ) ss:  
COUNTY OF BERNALILLO    )

On above dates, personally appeared before me, Martha G. Trujillo, Notary Public, **Patrick V. Brady** and **James L. Krumhansl** 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.



Martha G. Trujillo  
Notary Public

Approved and consented to this 17 day of September, 2011.

SANDIA CORPORATION

Kerry Kampschmidt  
Kerry Kampschmidt  
Chief IP Counsel  
Legal Technology Transfer Center