

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ross F. Radel</td> <td>01/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ross F. Radel	01/30/2013
Name	Execution Date				
Ross F. Radel	01/30/2013				
RECEIVING PARTY DATA					
Name:	Sandia Corporation				
Street Address:	P.O. Box 5800, MS-0161				
Internal Address:	Legal Technology Transfer Center				
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State/Country:	NEW MEXICO				
Postal Code:	87185				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13204150</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13204150
Property Type	Number				
Application Number:	13204150				
CORRESPONDENCE DATA					
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ATTORNEY DOCKET NUMBER:	SD11594/21052				
NAME OF SUBMITTER:	Lori Holstin				
Total Attachments: 2 source=SD11594_Assignment_RADEL_Recorded_2_4_2013#page1.tif source=SD11594_Assignment_RADEL_Recorded_2_4_2013#page2.tif					

CH \$40.00 13204150

ASSIGNMENT

WHEREAS, Steven A. Wright, Paul S. Pickard, and Milton E. Vernon of Albuquerque, New Mexico, and Ross F. Radel of Madison, Wisconsin have made an invention relating to **ENHANCING POWER CYCLE EFFICIENCY FOR A SUPERCRITICAL BRAYTON CYCLE POWER SYSTEM USING TUNABLE SUPERCRITICAL GAS MIXTURES**, 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-121052 duly executed by said inventors and

WHEREAS Inventor Ross F. Radel, in consideration of employment by Sandia Corporation, has assigned to Sandia Corporation, its successors and assigns, all of Inventors rights to inventions, discoveries, or improvements made or conceived in the course of his 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 hereby sells, assigns, and transfers unto Sandia Corporation his 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 not already been sold, assigned, or transferred to Sandia Corporation by Inventor in consideration of Inventor's employment by Sandia Corporation.

Inventor covenants with Sandia Corporation that, except for the rights, if any, of the Government, his interest in the rights and property herein conveyed is free and clear of any encumbrance and that he has full right to convey the same as herein expressed. He 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 to said invention, take all rightful oaths and do all acts as may reasonably be required of him 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.

I hereby authorize and request my attorney, Daniel J. Jenkins, of Sandia Corporation, Albuquerque, New Mexico, to insert here in parentheses (Application No. 13/204,150, filed August 5, 2011), the application number and filing date of said application when known.

August 2, 2012

I hereby authorize and request my attorney, Daniel J. Jenkins, of Sandia Corporation, Albuquerque, New Mexico, to insert here in parentheses (Application No. 13/204,150, filed August 5, 2011), the application number and filing date of said application when known.

Signed at Madison, Wisconsin.

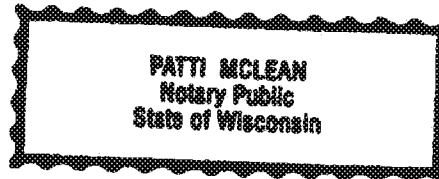
[Signature]  
Ross F. Radel

1/30/13  
Date

STATE OF WISCONSIN )  
 ) ss:  
COUNTY OF DANE )

On the above dates, personally appeared before me, Patti McLean, Notary Public, Ross F. Radel, 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.

Patti McLean  
Notary Public



Approved and consented to this 1 day of February, 2013.

SANDIA CORPORATION

By: [Signature]  
Kerry Kampschmidt  
Chief IP Counsel  
Legal Technology Transfer Center