

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Charles R. Bryan, John R. Torczynski, Patrick V. Brady, Michall Gallis and
Carlton F. Brooks

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 01/04/2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: SANDIA CORPORATION

Internal Address: P. O. Box 5800 - M50161

Albuquerque, New Mexico 87185-0161

Street Address: 1515 Eubank SE

City: Albuquerque

State: New Mexico

Country: USA Zip: 87123-0161

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

12976,036 Filed 12/22/2010

Ref: SD11634.1

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kerry Kampschmidt

Internal Address: Sandia National Laboratories

Intellectual Property Center, 11500

Street Address: P. O. Box 5800

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State: New Mexico Zip: 87185-0161

Phone Number: 505-284-9280

Fax Number: 505-844-1418

Email Address: kkampsc@sandia.gov

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$540.00

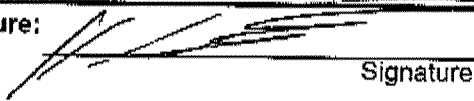
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-0131

Authorized User Name Kerry Kampschmidt

9. Signature:


Signature

1/25/11
Date

Kerry Kampschmidt
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 190131 12976036

SD-11634.1 / S-121,142

ASSIGNMENT

WHEREAS, **Charles R. Bryan, John R. Torczynski, Patrick V. Brady, Michail Gallis and Carlton F. Brooks of Albuquerque, New Mexico** has(have) made an invention relating to **Process and Apparatus for Separation of Components of a Gas Stream** 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-121,142** duly executed by said inventors and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements made or conceived in the course of their employment; 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.

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.

Charles R. Bryan
Charles R. Bryan

1/4/2011
Date

John R. Torczynski
John R. Torczynski

01/04/2011
Date

Patrick V. Brady
Patrick V. Brady

01/04/2011
Date

Michail Gallis
Michail Gallis

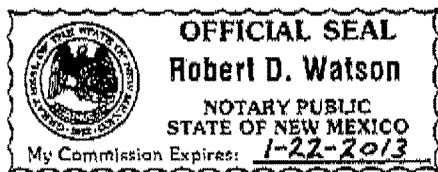
1/04/2011
Date

Carlton F. Brooks
Carlton F. Brooks

1/4/2011
Date

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss:

On above dates, personally appeared before me, Notary Public, **Charles R. Bryan, John R. Torczynski, Patrick V. Brady, Michail Gallis and Carlton F. Brooks** 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.



Robert D. Watson
Notary Public

Approved and consented to this 25 day of January, 2011.

SANDIA CORPORATION
Kerry Kampschmidt
Kerry Kampschmidt
Chief IP Counsel
Legal Technology Transfer Center