

Form PTO-1595 (Rev. 05/04)
Omb No. 0651-0027 (EXP. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

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)/Execution Date(s):
Alex L. Robinson
Ronald P. Manginell
Matthew W. Moorman

Execution Date(s) February 13, 14 & 16, 2006
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name SANDIA CORPORATION
Internal Address: Intellectual Property, 11500

Street Address: P.O. Box 5800, MS-0161

City: Albuquerque
State: New Mexico
Country: USA Zip: 87185-0161

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s) 11/355,661
B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Sandia National Laboratories
Internal Address: Intellectual Property, 11500

Street Address: P.O. Box 5800, MS-0161

City: Albuquerque
State: New Mexico Zip: 87185
Phone Number: 505-844-5626
Fax Number: 505-844-1418
Email Address: rusty@sandia.gov

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 19-0131
Authorized User Name _____

9. Signature: Russell D. Elliott 4/18/06
Signature Date

Russell D. Elliott
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 (703) 308-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

50-7933.1/5-106,205

CH \$40.00 190131 11355661

SD-7933.1/S-106,205
February 8, 2006

ASSIGNMENT

WHEREAS, **Alex L. Robinson, Ronald P. Manginell, and Matthew W. Moorman** has(have) made an invention relating to **Microfabricated Fuel Heating Value Monitoring Device**, 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-106,205** 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, domestic and foreign,

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.

Alex L. Robinson
Alex L. Robinson

2/14/06
Date

Ronald P. Manginell
Ronald P. Manginell

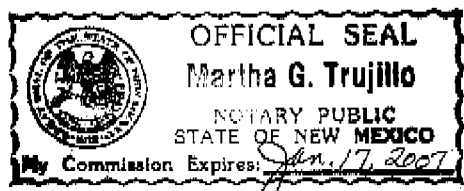
2/13/06
Date

Matthew W. Moorman
Matthew W. Moorman

2/16/06
Date

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

On the dates listed above, personally appeared before me, Martha Trujillo, Notary Public, **Alex L. Robinson, Ronald P. Manginell, and Matthew W. Moorman** 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 18TH day of APRIL, 2006.

SANDIA CORPORATION

Russell D. Elliott
Russell D. Elliott, Chief IP Counsel
Intellectual Property Center, MS 0161