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To the F

d Trademarks:

Please record the attached only	, or copy thereof.
<pre>Name of conveying party(ies): Edward V. Thomas</pre>	2. Name and address of receiving party(ies):
	Name: Sandia Corporation
	Internal Address: Mail Stop 0161
Additional name(s) of conveying party(ies) attached? _ Yes X No	
3. Nature of conveyance: X Assignment _ Merger Security Agreement _ Change of Name Other	Street Address: P.O. Box 5800 City: Albuquerque State: New Mexico ZIP: 87185
Execution Date: August 6, 2001	Additional name(s) & addresses attached? _ Yes \underline{X} No
4. Application number(s) or patent number(s): If this document is being filed together with a new	w application, the execution date of the application is:
A. Patent Application No.(s) 09/563,865	B. Patent No.(s)
Additional numbers att	tached? <u>Yes X</u> No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: <u>CROMPTON</u> , <u>SEAGER & TUFTE</u> , <u>LLC</u> Address: 331 Second Avenue South, Suite 895 Minneapolis, MN 55401	7. Total fee (37 CFR 3.41) \$40.00 X Enclosed o Authorized to be charged to deposit account
	8. Deposit Account Number: 50-0413 (Attach duplicate copy of this page if paying by deposit account)
05/2001 DBYRNE 00000136 09563865 DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregois a true copy of the original document. David M. Crompton Name of Person Signing Total number of pages comprising cover sheet, attachm	ing information is true and correct and any attached copy

OMB No. 0651-0011 (exp. 4/94)

Docket No.: 1023.1112102

PATENT

REEL: 012217 FRAME: 0091

ASSIGNMENT

WHEREAS, Edward V. Thomas of Albuquerque New Mexico has(have) made an invention relating to U.S. Patent Application Serial No. 09/563,865, filed May 3, 2000, entitled **Methods and Apparatus for Spectroscopic Calibration Model Transfer** in the course of the work authorized by Contract <u>DE-AC04-94AL85000</u> 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. <u>95,555</u> duly executed by said inventors.

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 under Class Waiver w(C) 93-012; 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 City, State	
San	8/6/2001
Edward V. Thomas	Date
STATE OF New Mexico))ss: COUNTY OF Bernalillo)	
On the dates listed above, personally a Notary Public, Edward V. Thomas	appeared before me, 860, and who to me known to be the individual(s) described in and who d who acknowledged to me that he executed the same.
OFFICIAL SEAL VIOLA CAMPOS NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires 6-12-200	Viola Campos Notary Public
Approved and consented to this	day of
	SANDIA CORPORATION
	Timothy D. Stanley Chief Patent Counsel Patent and Licensing Office, MS (161)

RECORDED: 10/01/2001

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