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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

RAFAEL V. DAVALOS - JAN. 24, 2007
 ROBERT W. CROCKER - FEB. 7, 2007
 ERIC B. CUMMINGS - JAN. 23, 2007
 BLAKE A. SIMMONS - FEB. 2, 2007

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: SEE DATES EXECUTED ABOVE

2. Name and address of receiving party(ies)

Name: SANDIA NATIONAL LABORATORIES

Internal Address: _____

Street Address: P. O. BOX 969City: LIVERMORE State: CA Zip: 94551-0969Additional name(s) & address(es) attached? ☐ Yes ☒ No4. Application number(s) or patent number(s): 11/556,685 (SD-10477)

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: KURT C. OLSEN, MS 9031Internal Address: SANDIA NATIONAL LABSStreet Address: P. O. BOX 969City: LIVERMORE State: CA Zip: 94551-09696. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0583

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

KURT C. OLSEN

Name of Person Signing



Signature

FEBRUARY 8, 2007

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

PATENT

DOE S111,074

Attorney Docket: SD-10477

ASSIGNMENT OF APPLICATION**Assignee: Sandia Corporation**

1. I am an inventor of INSULATOR-BASED DEP WITH IMPEDANCE MEASUREMENTS FOR ANALYTE DETECTION, which was filed in United States patent application number 11/556,685 on NOVEMBER 3, 2006.
2. The invention was made in the course of my employment by Sandia Corporation (SANDIA), a Delaware corporation doing business as Sandia National Laboratories. I agreed to assign the invention to SANDIA. The U.S. Department of Energy (DOE) has rights in the invention under contract number DE-AC04-94AL85000 with SANDIA.
3. I hereby sell, assign and transfer to SANDIA my entire right, title and interest throughout the world in the identified invention and all patents thereon.


Rafael V. Davalos

Date: 1/24/07

PATENT

REEL: 018880 FRAME: 0681

DOE S111,074

Attorney Docket: SD-10477

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1. I am an inventor of INSULATOR-BASED DEP WITH IMPEDANCE MEASUREMENTS FOR ANALYTE DETECTION, which was filed in United States patent application number 11/556,685 on NOVEMBER 3, 2006.
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Robert W. Crocker

Date: 7 Feb 2007

PATENT

DOE S111,074

Attorney Docket: SD-10477

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Eric B. Cummings

Date: 1/23/07

PATENT

REEL: 018880 FRAME: 0683

DOE S111,074

Attorney Docket: SD-10477

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Blake A. SimmonsDate: 2/2/2007

PATENT