

Form PTO1595

(Rev. 10/02)

10-18-2007

U.S. Department of Commerce  
Patent and Trademark Office

EET

103454239

To the Honorable Commissioner for

transmitted original documents or copy thereof.

Name of conveying party(ies):  
The Regents of the University of California

2. Name and address of receiving party:

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

Name: Los Alamos National Security, LLC

3. Nature of Conveyance:

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

Address:

Los Alamos National Laboratory  
LC/IP, MS A187  
Los Alamos, NM 87545

Execution Date:

October 15, 2007

Additional name(s) address(es) attached

☐ Yes ☒ No

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s) 10/163,437

B. Patent No.(s) 6,649,916

Additional numbers attached ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: Bruce H. Cottrell

Registration No.: 30,620

Address: Los Alamos National Laboratory  
LC/IP, MS A187  
Los Alamos, NM 87545

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):

\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number 12-2150

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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.

Bruce H. Cottrell

Signature

Date

Name of person signing

Total number of pages: 40.00 DA

OMB No. 0651-0027 (exp. 6/30/05)

Fax documents to be recorded with required cover sheet to: (571) 273-0140

OR

Mail documents to be recorded with required cover sheet to: Commissioner for Patents  
Mail Stop Assignments  
PO Box 1450  
Alexandria, VA 22313-1450

PATENT

REEL: 019984 FRAME: 0705

**ASSIGNMENT**DOE S-100,638

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

The Regents of the University of California  
 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200

The previous assignment of which was Recorded on 05/03/2007,  
 Reel 019235, Frame 0865

hereby sells, assigns and transfers

to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Corporation, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE

☒ its entire right, title and interest☐ an undivided fifty percent (50%) interest☐ an undivided \_\_\_\_\_ percent (\_\_\_%) interest

for the United States and its territorial possessions

☐ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention titled:

Name of Inventor(s): Christopher H. Orr, Craig J. Luff and Thomas Dockray of BNFL Instruments and Duncan W. MacArthur of Los Alamos National Laboratory

and which is found in

(a) ☒ U.S. application Serial No. 10/163,437, filed on 6/4/2002.(b) ☒ U.S. Patent No. 6,649,916, issued 11/18/2003.

☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

**ASSIGNOR** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**ASSIGNOR** further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as

may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**AND** the **ASSIGNOR** requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

Signature of Assignor

15<sup>th</sup> day of October, 2007

Bruce H. Cottrell  
Bruce H. Cottrell  
IP Practice Group Leader