

S-87,225

Form PTO 1695

(Rev. 10/02)



05-23-2006



U.S. Department of Commerce  
Patent and Trademark Office

HEET

103244739

To the Honorable Commissioner for

and attached original documents or copy thereof.

MRD 5-18-06

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: 10 April 2006

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) 09/087,734

B. Patent No.(s) 6,124,670

Additional numbers attached  Yes  No

5. 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

*Bruce H. Cottrell*

15 May 2006

Name of person signing

Signature

Date

Total number of pages 3

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

Fax documents to be recorded with required cover sheet to: (703) 306-5995

OR

Mail documents to be recorded with required cover sheet to: Commissioner for Patents  
Mail Stop Assignments  
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PATENT

REEL: 017906 FRAME: 0097

**ASSIGNMENT**DOE S-87,225

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 May 29, 1998,  
 Reel 92208 Frame 0861.

hereby sells, assigns and transfers

to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, at Los Alamos National Laboratory, LC/IP, Mail Stop A187, Los Alamos, NM 87545 and the successors, assigns and legal representatives of the ASSIGNEE

 the 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:**GATE AND EMITTER ARRAY ON FIBER ELECTRON FIELD EMISSION STRUCTURE**

Name of Inventor(s) Steven M. Valone

and which is found in

(a)  U.S. application Serial No. 09/087,734, filed on 5/29/1998.(b)  U.S. Patent No. 6,124,670, issued 9/26/2000.

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;

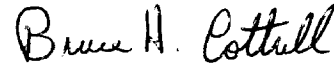
**ASSIGNOR** further covenants that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to **ASSIGNOR** and will testify as to the same in any interference, 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

10th day of April , 2006



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Bruce H. Cottrell  
IP Practice Group Leader