

S-109,169

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05-08-2008

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Name of conveying party  
Yixiang Duan, Quanxi Jia, Wenqing CaoAdditional name(s) of conveying  
party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: February 7, 2008 and  
February 8, 2008

2. Name and address of receiving party:

Name: The Regents of the University of California

Address:

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

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) 12/069,971

B. Patent No.(s)

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

Name: Samuel L. Borkowsky

Registration No.: 42,346

Address: Los Alamos National Security, LLC  
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.

Samuel L. Borkowsky

Name of person signing

Signature

May 2, 2008

Date

OMB No. 06510011 (exp. 4/94)

Total number of pages: 3  
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Mail documents to be recorded with required cover sheet to: Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

PATENT

REEL: 020934 FRAME: 0711

**ASSIGNMENT**

DOE S-109,169

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

1. Yixiang Duan 2. Quanxi Jia 3. Wenqing Cao

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

**HYDROGEN SENSOR**

and which is found in

- (a) ☒ U.S. patent application executed on February 8, 2008, entitled as above and listing the above-named person(s) as inventor(s)
- (b) ☒ U.S. application Serial No. 12/069,971, filed on 02/13/2008
- (c) ☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_
- (d) ☐ U.S. provisional application filed on \_\_\_\_\_, entitled as above and listing the above-named person(s) as inventor(s)

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;

**ASSIGNOR(S)** 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(S)** 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 relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

**AND** the ASSIGNOR(S) 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, The Regents of the University of California.

executed this

Signature of Inventor(s)

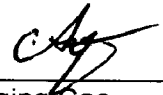
\_\_\_\_\_ day of \_\_\_\_\_, 2008

\_\_\_\_\_  
Yixiang Duan

\_\_\_\_\_ day of \_\_\_\_\_, 2008

\_\_\_\_\_  
Quanxi Jia

8<sup>th</sup> day of Feb., 2008

  
\_\_\_\_\_  
Wenqing Cao

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DOE S-109,169

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7 day of February, 2008

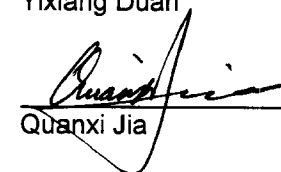
7 day of February, 2008

\_\_\_\_\_ day of \_\_\_\_\_, 2008

Signature of Inventor(s)



Yixiang Duan



Quanxi Jia

\_\_\_\_\_  
Wenqing Cao