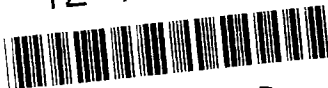


S-104,947

12-14-2005

Form PTO1595

(Rev. 10/02)



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To the Honorable Commissioner for Patents. Please record the attached original documents or copy thereof.

12-5-05

Name of conveying party(ies): Piotr Zelenay and Jong-Ho Choi  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: November 30, 2005	112991 U.S. PTO 11/295361 

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) B. Patent No.(s)  
 (S-104,947)

Additional numbers attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert P. Santandrea Registration No.: 45,072 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): <span style="float: right;">\$ 40.00</span> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
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12/13/2005 DBYRNE 00000219 122150 11295361

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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.

Robert P. Santandrea *Robert P. Santandrea* 12/5/05  
 Name of person signing Signature Date

Total number of pages: 3

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 Alexandria, VA 22313-1450

**ASSIGNMENT**

DOE S-104,947

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

1. Piotr Zelenay2. Jong-Ho Choi

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:

CHALCOGEN CATALYSTS FOR POLYMER ELECTROLYTE FUEL CELL

and which is found in

- (a)  U.S. patent application executed on November 30, 2005, entitled as above and listing the above-named person(s) as inventor(s)
- (b)  U.S. application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- (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

30th day of November, 2005

20th day of November, 2005

Signature of Inventor(s)

Piotr Zelenay  
Piotr Zelenay

Jong-Ho Choi  
Jong-Ho Choi