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OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

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

<p>1. Name of conveying party(ies):          Zhenguo Yang          Christopher Andrew Coyle          Suresh Baskaran          Lawrence Andrew Chick          Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)          Name: <u>Battelle Memorial Institute</u>          Internal Address: <u>MS K1-53</u>          Street Address: <u>P.O. Box 999</u>          City: <u>Richland</u> State: <u>WA</u> Zip: <u>99352</u>          Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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09/27/02

<p>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: _____</p>	<p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s): 10/260630  
 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

<p>5. Name and address of party to whom correspondence concerning document should be mailed:          Name: <u>Douglas E. McKinley, Jr.</u>          Internal Address: _____          Street Address: <u>P.O. Box 202</u>          City: <u>Richland</u> State: <u>WA</u> Zip: <u>99352</u></p>	<p>6. Total number of applications and patents involved: <u>1</u>          7. Total fee (37 CFR 3.41).....\$ <u>40.00</u>  <input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account          8. Deposit account number:  <u>502149 Law Office of Douglas E. McKinley, Jr.</u></p>
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9. Signature.  
Douglas E. McKinley, Jr. [Signature] Sept. 27, 2002  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 013349 FRAME: 0239

PATENT

File No. 13501-B

A S S I G N M E N T

Zhenguo Yang  
Christopher Andrew Coyle  
Suresh Baskaran  
Lawrence Andrew Chick

To

Battelle Memorial  
Institute

WHEREAS we, Zhenguo Yang, of Richland, in the County of Benton, and State of Washington; Christopher Andrew Coyle of Pasco, in the County of Franklin, and State of Washington; Suresh Baskaran of Kennewick, in the County of Benton, and State of Washington; and Lawrence Andrew Chick, of West Richland, in the County of Benton, and State of Washington, have made certain inventions in Gas-Tight Metal/Ceramic or Metal/Metal Seals for Applications in High Temperature Electrochemical Devices and Method of Making for which we are about to make application for Letters Patent of the United States; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application, executed by us on the 26<sup>th</sup> day of September, 2002, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of our

entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

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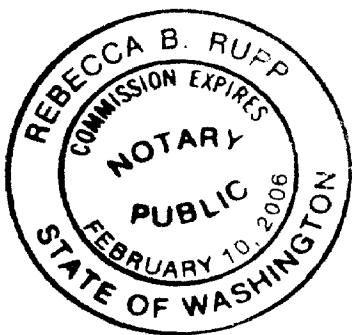
Executed at Richland, State of Washington, this 26<sup>th</sup> day  
of September, 2002.

Suresh Baskaran

Suresh Baskaran

STATE OF Washington            )  
  )    ss.  
COUNTY OF Benton            )

This 26 day of September, 2002, before me personally came the above-named Suresh Baskaran, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Rebecca B. Rupp

Notary Public for the State of Washington

My commission expires: 2/10/2006

