

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Karl W. Weitz</td> <td>11/07/2007</td> </tr> <tr> <td>Ronald J. Moore</td> <td>11/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Karl W. Weitz	11/07/2007	Ronald J. Moore	11/07/2007
Name	Execution Date						
Karl W. Weitz	11/07/2007						
Ronald J. Moore	11/07/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Battelle Memorial Institute						
<b>Street Address:</b>	P.O. Box 999						
<b>Internal Address:</b>	K1-53						
<b>City:</b>	Richland						
<b>State/Country:</b>	WASHINGTON						
<b>Postal Code:</b>	99352						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11936989</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11936989		
Property Type	Number						
Application Number:	11936989						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(509)375-4487						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	(509) 375-3782						
<b>Email:</b>	james.matheson@pnl.gov						
<b>Correspondent Name:</b>	James D. Matheson						
<b>Address Line 1:</b>	P.O. Box 999						
<b>Address Line 2:</b>	K1-53						
<b>Address Line 4:</b>	Richland, WASHINGTON 99352						
<b>ATTORNEY DOCKET NUMBER:</b>	15700-E						
<b>NAME OF SUBMITTER:</b>	James D. Matheson						

CH \$40.00 11936989

Total Attachments: 5  
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**PATENT  
 REEL: 020085 FRAME: 0651**

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies)</b> Karl K. Weitz Ronald J. Moore  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Battelle Memorial Institute</u> Internal Address: <u>K1-53</u>  Street Address: <u>P.O. Box 999</u>  City: <u>Richland</u> State: <u>Washington</u> Country: <u>U.S.A.</u> Zip: <u>99352</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>November 7, 2007</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <p style="font-size: 1.5em; text-align: center;">11, 936, 989</p> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>James D. Matheson</u> Internal Address: <u>K1-53</u>  Street Address: <u>P.O. Box 999</u>  City: <u>Richland</u> State: <u>WA</u> Zip: <u>99352</u> Phone Number: <u>(509) 375-3782</u> Fax Number: <u>(509) 375-4487</u> Email Address: <u>james.matheson@pnl.gov</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>02-1275</u> Authorized User Name <u>Battelle Memorial Inst.</u>
<b>9. Signature:</b> <p style="text-align: center;"><u>James D. Matheson</u> Signature</p> <p style="text-align: right;"><u>11-8-07</u> Date</p> <p style="text-align: center;">James D. Matheson Name of Person Signing</p> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">5</span></p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

File No. 15700-E

A S S I G N M E N T

Karl K. Weitz  
Ronald J. Moore

To

Battelle Memorial Institute

WHEREAS, we, Karl K. Weitz of Pasco, County of Franklin, State of Washington, Ronald J. Moore of West Richland, County of Benton, State of Washington; have made certain inventions in, **METHOD AND APPARATUS FOR CONTINUOUS FLUID LEAK MONITORING AND DETECTION IN ANALYTICAL INSTRUMENTS AND INSTRUMENT SYSTEMS** 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, I 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 me on the \_\_\_\_\_ day of \_\_\_\_\_, 2007, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and I 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 my 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 I further covenant and agree that I 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 I 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 I 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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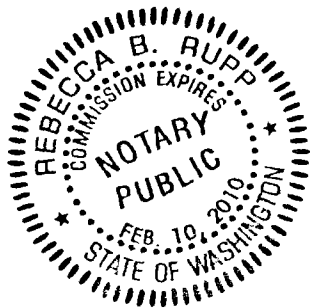
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Executed at Richland, State of Washington, this 7 day  
of November, 2007.

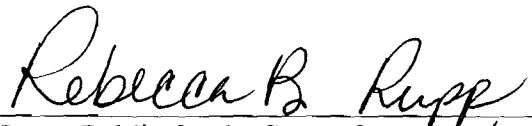
  
Karl K. Weitz

STATE OF Washington            )  
  )    ss.  
COUNTY OF Benton            )

This 7 day of November, 2007, before me personally came the above-named Karl K. Weitz, 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]



  
Notary Public for the State of Washington  
My commission expires: 2/10/2010

