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OMB No. 0651-0027 (exp. 6/30/2005)

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1. Name of conveying party(ies)/Execution Date(s):

David M. Sheen  
Douglas L. McMakin

Execution Date(s) SEPTEMBER 29, 2005

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Battelle Memorial Institute

Internal Address: MS K1-53

Street Address: P.O. Box 999

City: Richland

State: WA

Country: United States

Zip: 99352

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Douglas E. McKinley, Jr.

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 202

City: Richland

State: WA

Zip: 99352

Phone Number: (509) 628-0809

Fax Number: (509) 628-2307

Email Address: doug@mckinleylaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 502149

Authorized User Name Douglas E. McKinley, Jr.

9. Signature:

Signature

Sept. 30, 2005  
Date

10/12/2005 DBYRNE 00000008 502149 11240519

Douglas E. McKinley, Jr.

Name of Person Signing

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

5

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 017062 FRAME: 0829

A S S I G N M E N T

David M. Sheen  
Douglas L. McMakin

To

Battelle Memorial  
Institute

WHEREAS we, David M. Sheen, of Richland, in the County of Benton, and State of Washington; Douglas L. McMakin, of Richland, in the County of Benton, and State of Washington, have made certain inventions in Interlaced Linear Array Sampling Technique For Electromagnetic Wave Imaging 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;

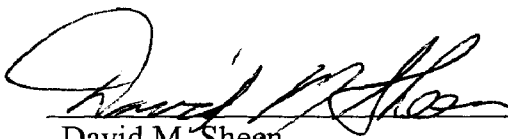
NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer 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 29 day of September, 2005, 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 29 day  
of September, 2005.

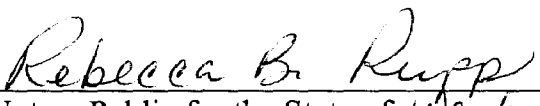
  
\_\_\_\_\_  
David M. Sheen

STATE OF Washington            )  
                                          )    ss.  
COUNTY OF Benton            )

This 29 day of September, 2005, before me personally came the above-named David M. Sheen, 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: 2/10/2006

Executed at Richland, State of Washington, this 29 day  
of September, 2005.

Douglas L. McMakin  
Douglas L. McMakin

STATE OF Washington )  
                                          )     ss.  
COUNTY OF Benton     )

This 29 day of September, 2005, before me personally came the above-named Douglas L. McMakin, 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.

Rebecca B. Rupp  
Notary Public for the State of Washington  
My commission expires: 2/10/2006

[SEAL]

