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

**1. Name of conveying party(ies):** Jolinda C. Smith  
 Clifford D. Dax  
 Ray L. Nunnally

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

**2. Name and address of receiving party(ies):**  
 Name: **The State of Oregon Acting by and through the State Board of Higher Education on Behalf of the University of Oregon**  
 Street address: 1238 University of Oregon  
 City: Eugene State: OR Zip: 97403-1238 Country: US

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

**3. Nature of conveyance/Execution Date(s):**

Assignment  Joint Research Agreement  
 Security Agreement  Government Interest Assignment  
 Merger  Executive Order 9424m Confirmatory License  
 Change of Name  Other

Execution Date(s): 5/16/2007, 3/27/2007, 4/16/2007

**4. Application or patent number(s):**

A. Patent Application No.(s) B. Patent No.(s) C. Agent Ref No.(s)  
 12/066244 UOR-115/US

This document is being filed together with a new application.  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Lumen Patent Firm  
 Street address: 350 Cambridge Ave., Suite 100  
 City: Palo Alto State: CA Zip: 94306 Country: USA  
 Phone No.: 650-424-0100 Fax No.: 650-424-0141 Email: admin@lumen.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40**  Authorized to be charged by credit card

**8. Payment information:**  
 a. Credit Card Last 4 Numbers: 5900 Credit Card Expiration Date: 10/2012

**9. Signature:**  
 Signature / **Thomas J. McFarlane / Reg.No. 39,299**  
 Printed Name **Thomas J. McFarlane**  
 Date **1/20/10**

Total number of pages including cover sheet, attachments and documents: 6

01/25/2010 RMEBRAHT 00000023 12066244

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## ASSIGNMENT

WHEREAS, we, Jolinda C Smith, of city of Eugene, State of Oregon, Clifford D. Dax, of city of Creswell, State of Oregon, and Ray L. Nunnally, of city of Parker, State of Colorado, have invented a certain invention, entitled HIGH IMPEDANCE DIFFERENTIAL INPUT PREAMPLIFIER AND ANTENNA FOR MAGNETIC RESONANCE SYSTEMS, for which the following applications have been filed:

1. U.S. Provisional Application No. 60/715,838, filed September 9, 2005;
2. PCT Patent Application No. PCT/US2006/035578, filed September 11, 2006; and

WHEREAS, the State of Oregon acting by and through the State Board of Higher Education on behalf of the University of Oregon, having a place of business at 1238 University of Oregon, Eugene, Oregon 97403-1238, United States of America, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jolinda C Smith, Clifford D. Dax, and Ray L. Nunnally, hereby sell, assign and transfer to the State of Oregon acting by and through the State Board of Higher Education on behalf of the University of Oregon, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by the State of

Oregon acting by and through the State Board of Higher Education on behalf of the University of Oregon, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to the State of Oregon acting by and through the State Board of Higher Education on behalf of the University of Oregon, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid the State of Oregon acting by and through the State Board of Higher Education on behalf of the University of Oregon, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

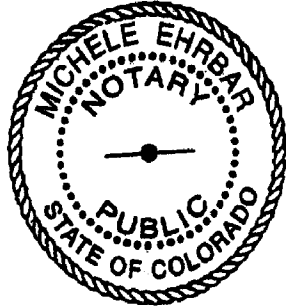
Ray L Nunnally

At Parker, Colorado  
(City and State)

on this 16 day of May.

STATE OF Colorado )  
 ) ss.  
COUNTY OF Douglas )

This 16 day of May, before me personally came the above-named Ray L. Nunnally, 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]

Michele Ehrbar  
Notary Public For  
My commission expires:

**My Commission  
Expires 06/09/2007**



Clifford D. Dax

At Eugene, Oregon  
(City and State)

on this 16 day of APRIL,

STATE OF Oregon )  
 )  
COUNTY OF Lane ) SS.

This 16 day of April, 2007, before me personally came the above-named Clifford D. Dax, 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 Aust  
Notary Public For Oregon  
My commission expires: 11/28/2010

