


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.

1. Name of conveying party(ies) <p style="text-align: center;">Richard K. Martin Jamie S. Velotta John F. Raquet</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	2. Name and address of receiving party(ies) <p>Name: <u>The United States of America as represented by the Secretary of the Air Force</u></p> <p>Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room D18</u></p> <p>Street Address: <u>2240 B Street</u></p> <p>City: <u>Wright-Patterson Air Force Base</u></p> <p>State: <u>Ohio</u></p> <p>Country: <u>U.S.A.</u> Zip: <u>45433-7109</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>3/13/09, 5/22/09, and 4/1/09</u> <input 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 checked="" type="checkbox"/> <u>Government Interest Assignment</u> <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <p style="text-align: center;">12/471,525</p> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Lynnita C. Robertson</u> Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room D18</u> Street Address: <u>2240 B Street</u> City: <u>Wright-Patterson AFB</u> State: <u>Ohio</u> Zip: <u>45433-7109</u> Phone Number: <u>(937) 904-5077</u> Fax Number: <u>(937) 255-3733</u> Email Address: <u>lynnita.robertson@wpafb.af.mil</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <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)
9. Signature: <u></u> <p style="text-align: center;">LYNNITA C. ROBERTSON Name of Person Signing</p>	8. Payment Information Deposit Account Number <u>AF01-0465</u> Authorized User Name <u>Lynnita C. Robertson</u> <p style="text-align: right;">Date <u>5-26-09</u></p> <p>Total number of pages including cover sheet, attachments, and documents: 4</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, VA 22313-1450

PATENT

700409077

REEL: 022736 FRAME: 0120

ASSIGNMENT

WHEREAS we, **Richard K. Martin, Jamie S. Velotta, and John F. Raquet**, while employed by the United States of America, made an invention entitled "NAVIGATION AND POSITION DETERMINATION WITH A MULTICARRIER MODULATION SIGNAL OF OPPORTUNITY", described in an application for Letters Patent of the United States (Application number 12/471,525, filed 5/26/09), and We hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application number, filed) the filing date and application number of said application when known;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, We, **Richard K. Martin, Jamie S. Velotta, and John F. Raquet**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; We hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of our entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and We do hereby also grant to the Government of the United States as represented by the Secretary of the Air Force, the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the United States of America may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to us within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the United States of America in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the United States of America and/or in furtherance of the foreign policies of the United States of America; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that We shall not be subject to any out-of-pocket expense relative to such action.

Richard K. Martin
Richard K. Martin

SUBSCRIBED AND ACKNOWLEDGED before me by Richard K. Martin this 13th day of March 2009, at the city of Dayton in the County of Greene and State of Ohio

[Signature]
Notary Public
10 036-10442

J S Velotta

Jamie S. Velotta

SUBSCRIBED AND ACKNOWLEDGED before me by Jamie S. Velotta this 22 day of

May 2009, at the city of MADISON

in the County of

MADISON and State of Alabama.

John F. Raquet

MY COMMISSION EXPIRES APRIL 24, 2011

John F. Raquet

SUBSCRIBED AND ACKNOWLEDGED before me by John F. Raquet this _____ day of

_____ 2009, at the city of _____ in the County of

_____ and State of _____.

Notary Public

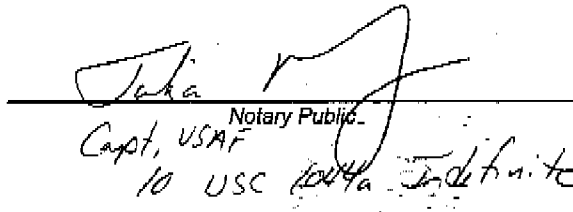
Jamie S. Velotta

SUBSCRIBED AND ACKNOWLEDGED before me by Jamie S. Velotta this _____ day of _____ 2009, at the city of _____ in the County of _____ and State of _____.

Notary Public


John F. Raquet

SUBSCRIBED AND ACKNOWLEDGED before me by John F. Raquet this 1st day of April 2009, at the city of Dayton in the County of Greene and State of Ohio.


Notary Public
Capt, USAF
10 USC 1044a Indefinite

