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<p>1. Name of conveying party(ies) Execution Date(s) Robert C. Gibbs Michael J. Walsh Maria C. Santos</p> <p>Execution Date(s) <u>14 February 2005</u> Addition names(s) of conveying party(ies) <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>The United States of America as represented by the Department of the Navy.</u></p> <p>Internal Address: <u>Naval Undersea Warfare Center</u> <u>Office of Counsel</u> <u>Bldg 112T</u></p> <p>Street Address: <u>1176 Howell Street</u></p> <p>City: <u>Newport</u></p> <p>State: <u>Rhode Island</u></p> <p>Country: <u>USA</u> Zip: <u>02841-1708</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other:</p>		<p>4. Application or patent numbers(s) <u>11/147,650</u> <input type="checkbox"/> This document is being filed together with a new application A. Patent Application No. (s) B. Patent (s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>5. Name and address to whom correspondence Concerning document should be mailed:</p> <p>Name: <u>Office of Counsel, Bldg 112T</u></p> <p>Internal Address: <u>Naval Undersea Warfare Center,</u> <u>Division Newport</u></p> <p>Street Address: <u>1176 Howell Street</u></p> <p>City: <u>Newport</u></p> <p>State: <u>Rhode Island</u> Zip: <u>02841-1708</u></p> <p>Phone Number: <u>401-832-4736</u></p> <p>Fax Number: <u>401-832-1231</u></p> <p>Email Address:</p>		<p>6. Total number of application and patents Involved: <u>1</u></p> <p>7. Total Fee (37 CFR 1.21(H) & 3.41) <u>\$40.00</u></p> <p><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).</p>	
<p>9. Signature: <u>James M. Kasischke</u> Signature</p> <p><u>JAMES M. KASISCHKE</u> Name of Person Signing</p>		<p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers: _____ Expiration Date: _____</p> <p>b. Deposit Account Number 44 0500 <u>50-3256</u> Authorized User Name <u>NUWC</u></p> <p>Total number of pages including cover sheet, attachments, and documents <u>2</u></p>	
<p>Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450</p>			

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PATENT

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ASSIGNMENT

WHEREAS, I (1) **ROBERT C. GIBBS**, (2) **MICHAEL J. WALSH** and (3) **MARIA C. SANTOS** of (1) Jamestown, County of Jamestown, State of Rhode Island, (2) Somerset, County of Bristol, Commonwealth of Massachusetts and (3) Bristol, County of Bristol, State of Rhode Island, while employed by the Government of the United States, have invented certain new and useful improvements in **APPARATUS AND METHOD FOR LONG TERM TRACKING FOR ASW APPLICATIONS** identified as **ATTORNEY DOCKET No. 83567** and described in application for Letters Patent of the United States of America executed by us on 5/23/05; and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the 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

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, we hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within six months of the filing date of any application for United States Letters Patent covering the invention, or within six months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, we have set my hand and affixed my seal.

5/23/05
Date

Robert C. Gibbs Seal
Robert C. Gibbs

5/23/05
Date

Michael J. Walsh Seal
Michael J. Walsh

5/23/05
Date

Maria C. Santos Seal
Maria C. Santos

PATENT