

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>Gerald N. Gilbert</td> <td>11/13/2008</td> </tr> <tr> <td>Michael D. Hamrick</td> <td>11/13/2008</td> </tr> <tr> <td>Yaakov S. Weinstein</td> <td>11/13/2008</td> </tr> <tr> <td>Stephen P. Pappas</td> <td>11/13/2008</td> </tr> <tr> <td>Anthony Donadio</td> <td>11/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Gerald N. Gilbert	11/13/2008	Michael D. Hamrick	11/13/2008	Yaakov S. Weinstein	11/13/2008	Stephen P. Pappas	11/13/2008	Anthony Donadio	11/13/2008
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Anthony Donadio	11/13/2008												
RECEIVING PARTY DATA													
Name:	The MITRE Corporation												
Street Address:	7515 Colshire Drive												
City:	McLean												
State/Country:	VIRGINIA												
Postal Code:	22102-7508												
PROPERTY NUMBERS Total: 1													
<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>12271590</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12271590								
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Application Number:	12271590												
CORRESPONDENCE DATA													
Fax Number:	(202)371-2540												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Michelle K. Holoubek												

OP \$40.00 12271590

Total Attachments: 2

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Gerald N. Gilbert, Michael D. Hamrick, Yaakov S. Weinstein, Stephen P. Pappas and Anthony Donadio**, hereby sell and assign to **The MITRE Corporation**, a corporation formed under the laws of Delaware, whose mailing address is 7515 Colshire Drive, McLean, Virginia 22102-7508 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **Quantum Sensor Miniaturization Utilizing Entangled Photon Signals** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of 11/14/08 (also known as United States Application No. 12/271,590), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

MBR 11/14/08

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

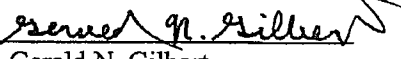
The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

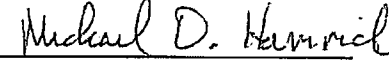
The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 26111** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

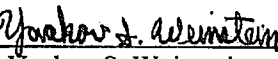
Date: Nov. 13, 2008

Signature of Inventor: 
Gerald N. Gilbert


Date: Nov 13, 2008

Signature of Inventor: 
Michael D. Hamrick

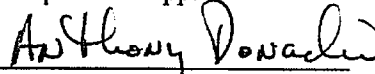
Date: Nov. 13, 2008

Signature of Inventor: 
Yaakov S. Weinstein

Date: Nov. 13, '08

Signature of Inventor: 
Stephen P. Pappas

Date: Nov. 13, 2008

Signature of Inventor: 
Anthony Donadio

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