

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3459094

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WESLEY M. GIFFORD	03/26/2009
HENK A.H.E. WYMEERSCH	03/26/2009
MOE Z. WIN	03/26/2009
STEFANO MARANÒ	03/26/2009
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14659156
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(978)341-0136
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<b>Address Line 2:</b>	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
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<b>ATTORNEY DOCKET NUMBER:</b>	0050.2126-001
<b>NAME OF SUBMITTER:</b>	MEREDITH ESCHAUZIER
<b>SIGNATURE:</b>	/Meredith Eschauzier/
<b>DATE SIGNED:</b>	07/28/2015
<b>Total Attachments: 8</b>	
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JointASSIGNMENT

WHEREAS, we, **Stefano Maranò, Wesley M. Gifford, Henk A.H.E. Wymeersch, and Moe Z. Win**, have invented a certain improvement in **METHOD AND SYSTEM FOR IDENTIFICATION AND MITIGATION OF ERRORS IN NON-LINE-OF-SIGHT DISTANCE ESTIMATION** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. [    ], filed [    ];
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and is assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor Stefano Marano Date 3/26/09  
Stefano Marano

Address Via G. Cesare Abba 12  
37126 Verona, Italy

Witness Signature [Signature]

Print Witness Name BENJAMIN EDWARDS

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SWITZERLAND

Witness Signature [Signature]

Print Witness Name VALERIO POGGI

Address WEHNTALERSTR. 584, ZURICH AFFOLTERN, 8046  
SWITZERLAND

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Inventor \_\_\_\_\_ Date \_\_\_\_\_

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Somerville, Massachusetts 02143, U.S.A. \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

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Inventor \_\_\_\_\_ Date \_\_\_\_\_

Henk A.H.E. Wymeersch

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Boston, Massachusetts 02125, U.S.A. \_\_\_\_\_

Witness Signature \_\_\_\_\_

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Witness Signature \_\_\_\_\_

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Inventor \_\_\_\_\_ Date \_\_\_\_\_

Moe Z. Win

Address 36 Nipmuc Road \_\_\_\_\_

Framingham, Massachusetts 01702, U.S.A. \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

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Joint

ASSIGNMENT

WHEREAS, we, **Stefano Maranò, Wesley M. Gifford, Henk A.H.E. Wymeersch, and Moe Z. Win**, have invented a certain improvement in **METHOD AND SYSTEM FOR IDENTIFICATION AND MITIGATION OF ERRORS IN NON-LINE-OF-SIGHT DISTANCE ESTIMATION** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. [    ], filed [    ];
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and is assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_

Stefano Marandò

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Stefano Marandò,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

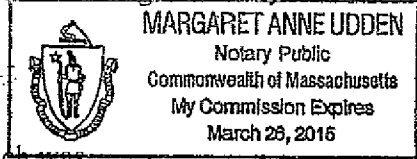


Inventor's Signature: Wesley Gifford  
Wesley M. Gifford

State/Commonwealth of Massachusetts  
County of Middlesex

On this 26th day of March 2009, before me, the undersigned notary public, personally appeared Wesley M. Gifford,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was MIT Photo ID 929490887



to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public Margaret Anne Udden  
Margaret Anne Udden (print name)  
 My Commission expires 03/26/2015

Inventor's Signature: Henk Wymeersch  
Henk A.H.E. Wymeersch

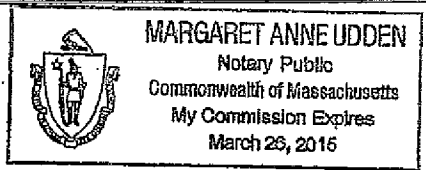
State/Commonwealth of Massachusetts  
County of Middlesex

On this 26th day of March 2009, before me, the undersigned notary public, personally appeared Henk A.H.E. Wymeersch,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was MIT Photo ID # 923768097

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public Margaret Anne Udden  
Margaret Anne Udden (print name)  
 My Commission expires 03/26/2015



Inventor's Signature: \_\_\_\_\_

Moe Z. Win  
Moe Z. Win

State/Commonwealth  
of Massachusetts  
County of Middlesex

On this 26th day of March 2009, before me, the undersigned notary public, personally appeared Moe Z. Win,

personally known to me, or

proved to me through satisfactory evidence of identification, which was

MIT PHOTO ID # 900057872

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Margaret Anne Udden

Margaret Anne Udden (print name)

My Commission expires 03/26/2015

