

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6096123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHERYL MARIE SORACE-AGASKAR	11/29/2018
SCOTT A. SKIRLO	02/09/2018
MARIN SOLJACIC	02/09/2018
SIMON VERGHESE	02/08/2018
JEFFREY S. HERD	02/09/2018
PAUL WILLIAM JUODAWLKIS	11/30/2018
YI YANG	04/18/2018
MIHIKA PRABHU	11/29/2018
DIRK ROBERT ENGLUND	03/01/2018
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVE.
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16842048
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	MIT-18630US03
NAME OF SUBMITTER:	CHRISTOPHER MAX COLICE

PATENT

SIGNATURE:	/Christopher Max Colice/
DATE SIGNED:	05/07/2020
Total Attachments: 11 source=MIT-18630US03 Assignment - EXECUTED#page1.tif source=MIT-18630US03 Assignment - EXECUTED#page2.tif source=MIT-18630US03 Assignment - EXECUTED#page3.tif source=MIT-18630US03 Assignment - EXECUTED#page4.tif source=MIT-18630US03 Assignment - EXECUTED#page5.tif source=MIT-18630US03 Assignment - EXECUTED#page6.tif source=MIT-18630US03 Assignment - EXECUTED#page7.tif source=MIT-18630US03 Assignment - EXECUTED#page8.tif source=MIT-18630US03 Assignment - EXECUTED#page9.tif source=MIT-18630US03 Assignment - EXECUTED#page10.tif source=MIT-18630US03 Assignment - EXECUTED#page11.tif	

ASSIGNMENT

Cheryl Marie SORACE-AGASKAR, residing at 1308 Thompson Farm, Bedford, MA 01969; **Scott A. SKIRLO**, residing at 3691 Park Overlook Dr., #209, Beavercreek, OH 45431 ; **Marin SOLJACIC**, residing at 44 Westlund Road, Belmont, MA 02478; **Simon VERGHESE**, residing at 5 Parker Road, Arlington, MA 02474; **Jeffrey S. HERD**, residing at 188 Central Street, Rowley, MA 01969; **Paul William JUODAWLKIS**, residing at 26 Bailey Road, Arlington, MA 02476; **Yi YANG**, residing at 100 Memorial Drive, Cambridge, MA 02142; **Mihika PRABHU**, residing at 100 Memorial Drive, Apt. 2-10A, Cambridge, MA 02142; and **Dirk Robert ENGLUND**, residing at 100 Pacific St., No. 9, Cambridge, MA 02139 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **METHODS AND SYSTEMS FOR OPTICAL BEAM STEERING**, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. , and filed on ;
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. 15/630,235, and filed on June 22, 2017;
and/or
- (3) PCT application
(a) bearing Application No. PCT/US2017/038721, and filed on June 22, 2017 .
and/or
- (4) attached hereto.

WHEREAS, Massachusetts Institute of Technology, a University having its principal place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful

owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Inventor Signature: *Cheryl Marie Sorace-Agaskar* Date: 4-28-18
Cheryl Marie Sorace-Agaskar

Witness Signature: *Reuel Swint* Date: 11/25/18

Print Witness Name: REUEL SWINT

Inventor Signature: *Scott A. Skirlo* Date: 02/09/2018
Scott A. Skirlo

Witness Signature: *Max Cubillos* Date: 2/9/2018

Print Witness Name: Max Cubillos

Inventor Signature: _____ Date: _____
Marin Soljacic

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Cheryl Marie Sorace-Agaskar

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Scott A. Skirlo

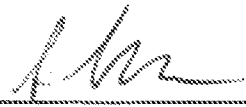
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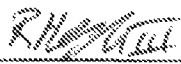
Print Witness Name: _____

Inventor Signature: Marin Soljatic Date: 9 FEB 2018
Marin Soljatic

Witness Signature: Lesley Keaney Date: 2/9/2018

Print Witness Name: Lesley Keaney

Inventor Signature:  Date: 2/18/16
Simon Verghese

Witness Signature:  Date: 2/18/16

Print Witness Name: Ralph Hamilton Shepard III

Inventor Signature: _____ Date: _____
Jeffrey S. Herd

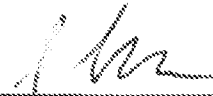
Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Paul William Juodawlkis

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  Date: 2/8/16
Simon Verghese

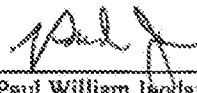
Witness Signature:  Date: 2/8/16


Print Witness Name: Ralph Hamilton Shepard III

Inventor Signature: _____ Date: _____
Jeffrey S. Herd

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  Date: 30 NOV 2018
Paul William Jaglowski

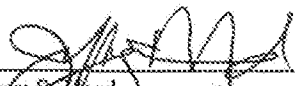
Witness Signature:  Date: 11/30/18

Print Witness Name: Lynn Clifford

Inventor Signature: _____ Date: _____
Simon Verghese

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  _____ Date: 9 Feb 2018
Jeffrey S. Merd

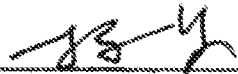
Witness Signature:  _____ Date: 2/9/18


Print Witness Name: Maria Bieri

Inventor Signature: _____ Date: _____
Paul William Juodawikis

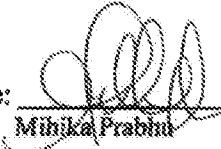
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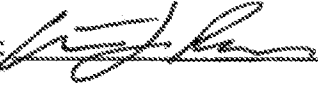
Print Witness Name: _____

Inventor Signature:  Date: 04/18/2018
Yi Yang

Witness Signature:  Date: APRIL 18, 2018

Print Witness Name: THOMAS CHRISTENSEN

Inventor Signature:  Date: 11/29/2018
Mihika Prabhu

Witness Signature:  Date: 29 NOV 18

Print Witness Name: Christopher Panuski

Inventor Signature: _____ Date: _____
Dirk Robert Englund

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Yi Yang

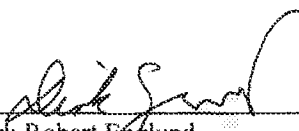
Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Mihika Prabhu

Witness Signature: _____ Date: _____


Print Witness Name: _____

Inventor Signature:  _____ Date: 3/1/2018
Dirk Robert Englund

Witness Signature:  _____ Date: 3/1/2018

Print Witness Name: Max Colice

For and on behalf of ASSIGNEE:

Date: 12/12/18 By: 
Name: Lauren C. Foster
Title: Associate Director
University: Technology Licensing Office
Massachusetts Institute of Technology

Witness Signature:  Date: 12/12/18

Print Witness Name: Emma Blades