

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6461899

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BORIS KHARAS	03/10/2020
REUEL B. SWINT	03/10/2020
CHERYL MARIE SORACE-AGASKAR	03/10/2020
PAUL WILLIAM JUODAWLKIS	05/06/2020
JASON PLANT	03/10/2020
SURAJ DEEPAK BRAMHAVAR	05/06/2020
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:	16809640
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>	
Phone:	6179477280
Email:	spakowski@smithbaluch.com
Correspondent Name:	SMITH BALUCH LLP
Address Line 1:	376 BOYLSTON ST.
Address Line 2:	SUITE 401
Address Line 4:	BOSTON, MASSACHUSETTS 02116
ATTORNEY DOCKET NUMBER:	MIT-20286US01
NAME OF SUBMITTER:	CHRISTOPHER MAX COLICE
SIGNATURE:	/Christopher Max Colice/
DATE SIGNED:	12/21/2020

Total Attachments: 7

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ASSIGNMENT

Boris KHARAS, residing at 244 Wood St, Lexington, MA 02421, United States; **Reuel B. SWINT**, residing at 193 Allen Rd, Billerica, MA 01821, United States; **Cheryl Marie SORACE-AGASKAR**, residing at 1308 Thompson Farm, Bedford, MA 01969, United States; **Paul William JUODAWLKIS**, residing at 26 Bailey Road, Arlington, MA 02476, United States; **Suraj Deepak BRAMHAVAR**, residing at 87 Richfield Road, Arlington, MA 02474, United States; and **Jason PLANT**, residing at 287 Baboosic Lake Rd, Merrimack, MA 03054, United States; (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **HYBRID INTEGRATION FOR PHOTONIC INTEGRATED CIRCUITS**, and which is a:

- (1) ☒ non-provisional application
 (a) ☐ to be filed herewith; or
 (b) ☒ bearing Application No.16/809,640, and filed on 2020-03-05;

WHEREAS, **Massachusetts Institute of Technology**, a University having its principal place of business at 77 Massachusetts Ave, Cambridge, MA 02139, United States, 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.

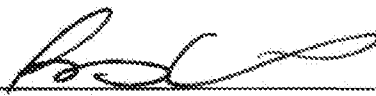
The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right,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

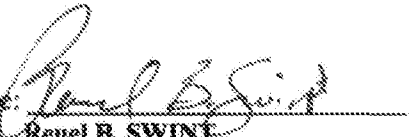
The Assignor hereby authorizes and requests the attorneys of Smith Baluch LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

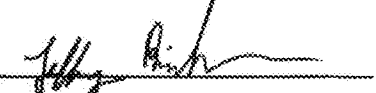
The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Inventor Signature:  Date: 3/10/20
Boris KHARAS

Witness Signature:  Date: 3/10/20

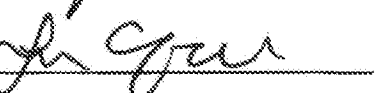
Print Witness Name: Rachel Morgan

Inventor Signature:  Date: 3/10/2020
Reuel B. SWINE

Witness Signature:  Date: 3/10/20

Print Witness Name: Jeffrey Birenbaum

Inventor Signature:  Date: 3-10-2020
Cheryl Marie SORACE-AGASKAR

Witness Signature:  Date: 3/10/20

Print Witness Name: Lynn Clifford

Inventor Signature: Paul William Juodawlkis Date: 6 May 2020
Paul William JUODAWLKIS

Witness Signature: Amy S. Juodawlkis Date: 6 May 2020

Print Witness Name: Amy S. Juodawlkis

Inventor Signature: _____ Date: _____
Saraj Deepak BRAMHAVAR

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: Jason PLANT Date: 3/10/2020
Jason PLANT

Witness Signature: Christopher Heidelberg Date: 3/10/2020

Print Witness Name: Christopher Heidelberg

Inventor Signature: _____ Date: _____
Paul William JUODAWLKIS


Witness Signature: _____ Date: _____

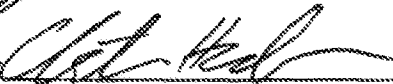
Print Witness Name: _____

Inventor Signature: /Suraj Bramhavar/ Date: 05/06/2020
Suraj Deepak BRAMHAVAR

Witness Signature: /Diana Westerberg/ Date: 05/06/2020

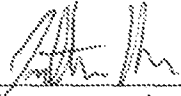
Print Witness Name: Diana Westerberg


Inventor Signature:  Date: 3/10/2020
Jason PLANT

Witness Signature:  Date: 3/10/2020

Print Witness Name: Christopher Heidelberg

For and on behalf of ASSIGNEE:

Date: Dec 14th, 2020 By: 
Name: Jonathan Heon
Title: MIT Intellectual Property Officer
University: Massachusetts Institute of Technology

Witness Signature:  Date: 12/14/2020
Print Witness Name: Joseph Lee