

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5489921

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMEER SUDHIR WALAVALKAR	04/06/2017
ANDREW PETER HOMYK	06/30/2016
WILLIAM MAXWELL JONES	04/05/2017
AXEL SCHERER	04/25/2017
SCOTT FRASER	07/01/2016
THAI VIET TRUONG	07/01/2016
RECEIVING PARTY DATA	
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
Street Address:	1200 EAST CALIFORNIA BLVD.
Internal Address:	MAIL CODE 6-32
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91125
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15232651
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<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:	9497600404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET, 14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	CALTE.091C1
NAME OF SUBMITTER:	DEREK BAYLES
SIGNATURE:	/Derek Bayles/
DATE SIGNED:	04/24/2019

Total Attachments: 7

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ASSIGNMENT

WHEREAS, Sameer Sudhir Walavalkar, residing at Studio City, California, Andrew Peter Homyk, residing at South Pasadena, California, William Maxwell Jones, residing at Pasadena, California, Axel Scherer, residing at Barnard, Vermont, Scott Fraser, residing at Pasadena, California, Thai Viet Truong, residing at Pasadena, California, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to OPTICAL SENSOR FOR ANALYTE DETECTION (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, California Institute of Technology, a California Corporation, with its principal place of business at 1200 East California Blvd., Mail Code 6-32, Pasadena, CA 91125 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work;

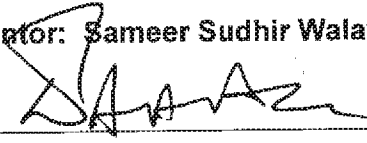
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 61/710,472, filed October 5, 2012), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Sameer Sudhir Walavalkar

Signature: _____



Date: _____

04/06/2019

Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA

COUNTY OF _____

Los Angeles

ss.

On _____, before me, _____, notary public,
personally appeared Sameer Sudhir Walavalkar who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and
acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity
upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

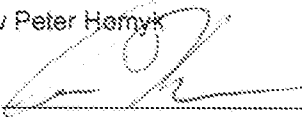
WITNESS my hand and official seal.

[SEAL]

Notary Signature

Legal Name of inventor: Andrew Peter Homyk

Signature: _____



Date: June 30, 2016

Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA

COUNTY OF San Mateo

} ss.

On _____, before me, _____, notary public,
personally appeared Andrew Peter Homyk who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and
acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity
upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.
WITNESS my hand and official seal.

Notary Signature

[SEAL]

Legal Name of inventor: William Maxwell Jones

Signature: William Jones Date: 4/5/17

Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA }
COUNTY OF _____ } ss.

On _____, before me, _____, notary public,
personally appeared William Maxwell Jones who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and
acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity
upon behalf of which the person(s) acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

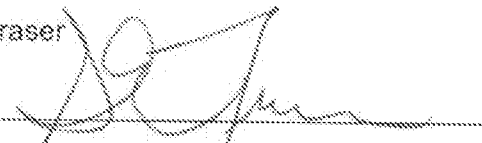
Legal Name of inventor: Axel Scherer

Signature:  Date: 9/25/2017

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Legal Name of inventor: Scott Fraser

Signature:


Date: 10/16/13
Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA

ss.

COUNTY OF _____

On _____, before me, _____, notary public,
personally appeared Scott Fraser who proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

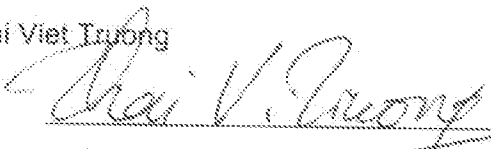
WITNESS my hand and official seal.

[SEAL]

Notary Signature

Legal Name of inventor: Thai Viet Truong

Signature:



Date: 07/01/2016

Signature before a Notary is desirable but not required.

STATE OF CALIFORNIA

COUNTY OF _____

ss.

On _____, before me, _____, notary public,
personally appeared Thai Viet Truong who proved to me on the basis of satisfactory evidence to
be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged
to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

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