#### 10/01/2015 503505172

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3551798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
ONUR CAN AKKAYA	08/13/2013
ONUR KILIC	03/19/2014
MICHEL J.F. DIGONNET	03/20/2014
GORDON KINO	03/20/2014
OLAV SOLGAARD	03/19/2014

## **RECEIVING PARTY DATA**

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	1705 EL CAMINO REAL
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94306-1106

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13839437

# **CORRESPONDENCE DATA**

Fax Number: (949)760-9502

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.

Phone: 949-760-0404

Email: EFILING@KNOBBE.COM

**Correspondent Name:** KNOBBE, MARTENS, OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

NAME OF SUBMITTER: BRUCE S. ITCHKA	AWITZ, PH.D.
	·
SIGNATURE: /Bruce S. Itchkawit	tz, Ph.D./
<b>DATE SIGNED:</b> 10/01/2015	

**Total Attachments: 12** 

**PATENT** REEL: 036703 FRAME: 0885

503505172

A seignment Aller and Alle	$\neg$
purce=Assignment#page1.tif	
purce=Assignment#page2.tif	
purce=Assignment#page3.tif	
purce=Assignment#page4.tif	
purce=Assignment#page5.tif	
purce=Assignment#page6.tif	
purce=Assignment#page7.tif	
purce=Assignment#page8.tif	
purce=Assignment#page9.tif	
purce=Assignment#page10.tif	
purce=Assignment#page11.tif	
purce=Assignment#page12.tif	

PATENT REEL: 036703 FRAME: 0886 Application No.: 13/839,437 Docket Number: STANF.157A Filing Date: March 15, 2013 Page 1 of 4

## **ASSIGNMENT**

WHEREAS, (1) Onur Can Akkaya, a Turkish citizen, residing at 408 Grant Avenue, Apt. #109, Palo Alto, California 94306, (2) Onur Kilic, a Turkish citizen residing at 2070 Latham Street, Apt. 4, Mountain View, California 94040, (3) Michel J.F. Digonnet, a French citizen, residing at 1045 College Avenue, Palo Alto, California 94306, (4) Gordon Kino, a United States citizen residing at 867 Cedro Way, Stanford, California 94305, and (5) Olav Solgaard, a Norwegian citizen, residing at 849 Pine Hill Road, Stanford, California 94305, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHODS UTILIZING OPTICAL SENSORS OPERATING IN THE REFLECTION MODE (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, The Board of Trustees of the Leland Stanford Junior University, a California Corporation, with its principal place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (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(s), 61/612,831, filed March 19, 2012 (respectively if plural applications)), 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.

Filing Date: March 15, 2013	Page 2 of 4
IN TESTIMONY WHEREOF, I August, 2013.	hereunto set my hand and seal this 13 <sup>th</sup> day of Onur Can exkayer
Witnessed by:	_ Signature _ Printed name _ Residence address
	- _ Date
IN TESTIMONY WHEREOF, , I	hereunto set my hand and seal this day of
	Onur Kilic
Witnessed by:	_ Signature _ Printed name Residence address
	<u>-</u>

Date

Application No.: 13/839,437

Docket Number: STANF.157A

	o.: 13/839,437 March 15, 2013	·	Docket Number:	Page 3 of 4
			,	
	ESTIMONY WHEREOF, I	hereunto set my hand	and seal this	day of
		Michel J.F. Digon	net	
Witnessed by		Ciaratura		
<del>-</del>		Signature Printed name		
_				
		Residence address		
		Date		
	ESTIMONY WHEREOF, I	hereunto set my hand	and seal this	day of
		Gordon Kino		
Witnessed by	;	Cianatura		
		Residence address		
_				

Date

Application No.: 13/839,437 Filing Date: March 15, 2013	Docket Number: STANF.157A Page 4 of 4
IN TESTIMONY WHEREOF, I hereunto set my hand, 20	and seal this day of
Olav Solgaard	
Witnessed by:  Signature  Printed name  Residence address	
Date	

15949436/080513

Application No.: 13/839,437 Docket Number: STANF.157A Filing Date: March 15, 2013 Page 1 of 4

#### **ASSIGNMENT**

WHEREAS, (1) Onur Can Akkaya, a Turkish citizen, residing at 408 Grant Avenue, Apt. #109, Palo Alto, California 94306, (2) Onur Kilic, a Turkish citizen residing at 2070 Latham Street, Apt. 4, Mountain View, California 94040, (3) Michel J.F. Digonnet, a French citizen, residing at 1045 College Avenue, Palo Alto, California 94306, (4) Gordon Kino, a United States citizen residing at 867 Cedro Way, Stanford, California 94305, and (5) Olav Solgaard, a Norwegian citizen, residing at 849 Pine Hill Road, Stanford, California 94305, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHODS UTILIZING OPTICAL SENSORS OPERATING IN THE REFLECTION MODE (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, The Board of Trustees of the Leland Stanford Junior University, a California Corporation, with its principal place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (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(s). 61/612,831, filed March 19, 2012 (respectively if plural applications)), 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.

PATENT REEL: 036703 FRAME: 0891

Docket Number: STANF Page	=.157A e 2 of 4
hereunto set my hand and seal this	day of
Onur Can Akkaya	******
Signature Printed name Residence address  Date	
hereunto set my hand and seal this 19th  Onur Kilic	
Signature Printed name Resídence address	
	hereunto set my hand and seal this  Onur Can Akkaya  Signature Printed name Residence address  Date  hereunto set my hand and seal this Onur Kilic  Signature Printed name

Docket Number: STANF.157A Page 2 of 4
and and seal this day of
kaya
and and seal this day of

Date

Application No.: 13/839,437 Filing Date: March 15, 2013	Docket Number	STANF.157A Page 4 of 4
IN TESTIMONY WHEREOF, I hereunto set my hand	and seal this	day of
Olav Solgaard		
Witnessed by: Signature Printed name Residence address		
Date		

15949436/080513

Application No.: 13/839,437 Docket Number: STANF.157A Filing Date: March 15, 2013 Page 1 of 4

## **ASSIGNMENT**

WHEREAS, (1) Onur Can Akkaya, a Turkish citizen, residing at 408 Grant Avenue, Apt. #109, Palo Alto, California 94306, (2) Onur Kilic, a Turkish citizen residing at 2070 Latham Street, Apt. 4, Mountain View, California 94040, (3) Michel J.F. Digonnet, a French citizen, residing at 1045 College Avenue, Palo Alto, California 94306, (4) Gordon Kino, a United States citizen residing at 867 Cedro Way, Stanford, California 94305, and (5) Olav Solgaard, a Norwegian citizen, residing at 849 Pine Hill Road, Stanford, California 94305, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHODS UTILIZING OPTICAL SENSORS OPERATING IN THE REFLECTION MODE (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, The Board of Trustees of the Leland Stanford Junior University, a California Corporation, with its principal place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (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(s). 61/612,831, filed March 19, 2012 (respectively if plural applications)), 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.

PATENT REEL: 036703 FRAME: 0895

Application No.: 13/839,437 Filing Date: March 15, 2013	Docket Number: STANF.157A Page 2 of 4
IN TESTIMONY WHEREOF, I hereunto set, 20	my nand and seal this day or
Onur (	Can Akkaya
Witnessed by:  Signature  Printed name  Residence add  Date	lress
IN TESTIMONY WHEREOF, I hereunto set, 20 Onur	
Witnessed by:  Signature  Printed name  Residence add	dress

\_\_\_\_\_ Date

Application No.: 13/839,437 Filing Date: March 15, 2013	Docket Number: ST F	ANF 157A Page 3 of 4
IN TESTIMONY WHEREOF, I  March , 2014 .	hereunto set my hand and seal this 20t  Michel J.F. Digonnet	h day of
Witnessed by: Inquid Tanier  Inquid Tanier  Isas Helly Are  Los Altos, CA 940:  3/20/2014	Signature Printed name Residence address 2 Y Date	
IN TESTIMONY WHEREOF, I  March , 2014 .	hereunto set my hand and seal this 20th  Gordon Kino	day of
Witnessed by: Inguid Taken  Inguid Taken  Iszt Holly Are  LOS AHOS, CA 9402  3/2014	Signature Printed name Residence address   Date	

Filing Date: March 15, 2013	Page 4 of 4
Mach 1 here	ounto set my hand and seal this 19 day of Olav Solgaard
Witnessed by:	nature
	nted name
	sidence address

<u>3)19/2014</u> Date

15949436/080513

Application No.: 13/839,437

PATENT REEL: 036703 FRAME: 0898

Docket Number: STANF.157A

**RECORDED: 10/01/2015**