PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4457248

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUI TIAN	05/20/2010
EDWARD HARTLEY SARGENT	05/21/2010

RECEIVING PARTY DATA

Name:	INVISAGE TECHNOLOGIES, INC.
Street Address:	7979 GATEWAY BOULEVARD, SUITE 240
City:	NEWARK
State/Country:	CALIFORNIA
Postal Code:	94560

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13213932

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	3154.007US5	
NAME OF SUBMITTER:	CHRISTY KRANIG	
SIGNATURE:	/Christy Kranig/	
DATE SIGNED:	06/13/2017	

Total Attachments: 5

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PATENT 504410548 REEL: 042692 FRAME: 0591

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Patent and Trademark Office Atty Ref/Docket No.: 3154.007US5

To the Director of the U.S. Patent and Trademark Office: Ple				
 Name of conveying party(ies): Hui Tian, Edward Hartley Sargent Additional name(s) of conveying party(ies) attached? 	2. Name and address of receiving party(ies):			
	Name: InVisage Technologies, Inc.			
	Street Address: 7979 Gateway Boulevard, Suite 240			
[]Yes [X]No	City: Newark State: <u>CA</u> Zip: <u>94560</u> Country: <u>United States of America</u>			
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: <u>May 20, 2010, May 21, 2010</u>				
4. Application number(s) or patent number(s): If this document is being filed together with a new application	on, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
Serial No. 13/213,932 filed August 19, 2011				
Additional numbers attached? []Yes [X]No				
	6. Total number of applications and patents involved: 1			
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>			
Name: Bradley W. Scheer	[]Enclosed			
Address: Schwegman Lundberg & Woessner, P.A.	[]Authorized to be charged to deposit account 19-0743			
P.O. Box 2938 Minneapolis, MN 554020938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743			
DO NOT USE THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	mation is true and correct and any attached copy is a true copy			
Bradley W. Scheer/Reg. No. 47,059 Name of Person Signing	June 13, 2017 Date			
То	otal number of pages including cover sheet: 5			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 **Alexandria, VA 22313-1450**

Attorney Docket No. 3154.007US1

ASSIGNMENT

WHEREAS, We, Hui Tian, residing at 10231 Western Drive, Cupertino, CA 95014, and Edward Hartley Sargent, residing at 1 Warren Road, Toronto, Ontario M4V 2R4, Canada, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on April 18, 2008, which application was assigned U.S. patent application serial number 12/106,256, and is entitled MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to InVisage Technologies. Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 978 Hamilton Court, Menlo Park, CA 94025, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filled in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. <u>21186</u> may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

- U.S. Provisional Application Serial No. 60/912,581, filed on April 18, 2007.
- U.S. Provisional Application Serial No. 60/958,846, filed on July 9, 2007.
- U.S. Provisional Application Serial No. 60/970,211, filed on September 5, 2007.
- U.S. Provisional Application Serial No. 61/026,440, filed on February 5, 2008.
- U.S. Provisional Application Serial No. 61/026,650, filed on February 6, 2008.

PATENT REEL: 048690 FRAME: 05948 Assignment

Assignors: Hui Tian et al.

Title: MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES

Page 2 of 4

Docket No: 3154,007US1 Serial Number: 12/106.256

U.S. Provisional Application Serial No. 61/028,481, filed on February 13, 2008.

U.S. Provisional Application Serial No. 61/046,379, filed on April 18, 2008.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

PATENT REEL: 048690 FRAME: 05849 Assignment

Assignors: Har Turn et al.
Title: MATERIALS, SYSTEMS AND METHODS FOR OPTOBLECTRONIC DEVICES

Page 3 of 4

Docket No: 3154.007US1 Serial Number: 12/106.256

Inventor: 1:

Full Name (Please Print)

Signature / Date

PATENT REEL: 028690 FRAME: 03850 Assignment Assignment Huffler of all Their MATERIAS, SYSTEMS AND METHODS FOR OPTOBLECTRONIC DEVICES FARMACE Dettet No. 3154 (APAS) Serial Number: 12/196/256

Inventors 2:

(Signature))

Witness: JEANNIE ING
Full Name (Please Print)

MAY 21, 201

PATENT REEL: 048690 FRAME: 0588