501941455 06/01/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yi-Ren Ng	11/11/2008
Patrick M Hanrahan	01/26/2009
Mark A. Horowitz	11/16/2008
Marc S Levoy	11/11/2008

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:	13466338

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Khalid Alkadiry Address Line 1: 718 University Ave.

Address Line 2: Suite 216

Address Line 4: Los Gatos, CALIFORNIA 95032

ATTORNEY DOCKET NUMBER:	SOTL:P116C1
NAME OF SUBMITTER:	Khalid W. Alkadiry

PATENT

REEL: 028304 FRAME: 0972

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Total Attachments: 5

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PATENT REEL: 028304 FRAME: 0973

ASSIGNMENT

WHEREAS, We, Yi-Ren Ng, residing at 58 N Ellsworth Ave, Unit B, San Mateo, CA 94401; Patrick M. Hanrahan, residing at 40 Minoca Road, Portola Valley, California 94028; Mark A. Horowitz, residing at 1309 San Mateo Drive, Menlo Park, California 94025; and Marc S. Levoy, residing at 18 Peter Coutts Circle, Stanford, California 94305 made certain new and useful inventions and improvements for which we herewith filed execute an application for Letters Patent of the United States, U.S. Patent Application Serial No. 12/278,708 filed on August 7, 2008 and entitled: CORRECTION OF OPTICAL ABERRATIONS (Attorney Docket No. STFD.116US); this application being a national stage filing under 35 U.S.C. 371 of International Application No. PCT/ US2007/003420 filed on February 6, 2007; which claims benefit under 35 U.S.C. § 119(e) of U.S. Provisional Application Serial No. 60/765,903 filed on February 7, 2006, and of U.S. Provisional Application Serial No. 60/810,432 filed on June 2, 2006.

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

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communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

	IN TESTIMON	Y WHEREOF	, I have hereunto set my hand on this date:
_11	November		- 2008
(day)	(month)	(year)	
			/Yi-Ren Ng/
			Yi-Ren Ng
	IN TESTIMON	Y WHEREOF,	I have hereunto set my hand on this date:
			•
(day)	(month)	- 2008 (year)	
			Patrick M. Hanrahan

communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

	IN LEST TMOL	NI WHEREOF,	Thave hereunto set my hand on this date:
		- 2008	
(day)	(month)	(year)	
			Yi-Ren Ng
	IN TESTIMON	NY WHEREOF,	I have hereunto set my hand on this date:
26	- January		- 2009
(day)	(month)	(year)	
			/Patrick M.
			Hanrahan/
			Patrick M. Hanrahan

	IN TESTIMONY	WHEREOF	, I have hereunto set my hand on this date:		
_16	- November		- 2008		
(day)	(month)	(year)			
			/Mark A Horowitz/		
	Mark A. Horowitz				
	IN TESTIMONY	WHEREOF,	I have hereunto set my hand on this date:		
-		- 2008			
(day)	(month)	(year)			
			Marc S. Levoy		

	IN TESTIMO	NY WHEREOF, I have her	eunto set my hand on this date:
(day)	(month)	- 2008 (year)	
		Mark A.	Horowitz
	IN TESTIMON	NY WHEREOF, I have here	eunto set my hand on this date:
11	11	- 2008 (year)	
		Marc S. I	/Marc S. Levoy/

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RECORDED: 06/01/2012