PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SRIDHAR SADASIVAN	06/11/2015
KAREN TWIETMEYER	06/11/2015
WARREN P. PUMYEA	06/11/2015
VICTORIA K. HINCHEY	06/11/2015

RECEIVING PARTY DATA

Name:	QD VISION, INC.
Street Address:	29 HARTWELL AVENUE
Internal Address:	LAW DEPT.
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14737369

CORRESPONDENCE DATA

Fax Number: (781)372-3281

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: 781-652-7403

Email: mfinnegan@qdvision.com

Correspondent Name: QD VISION, INC.

Address Line 1: 29 HARTWELL AVENUE

Address Line 4: LEXINGTON, MASSACHUSETTS 02421

ATTORNEY DOCKET NUMBER:	QDV280US
NAME OF SUBMITTER:	MARTHA ANN FINNEGAN
SIGNATURE:	/MARTHA ANN FINNEGAN/
DATE SIGNED:	06/11/2015

Total Attachments: 4

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PATENT REEL: 035825 FRAME: 0886

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> PATENT REEL: 035825 FRAME: 0887

JOINT INVENTION

ASSIGNMENT

(Worldwide Rights)

WHEREAS We, the undersigned (herein after referred to as "Assignors" or "We"), are inventors of the inventions and improvements which are the subject of the patent application entitled:

LIGHT MIXING CHAMBER FOR USE WITH COLOR CONVERTING MATERIAL AND LIGHT GUIDE PLATE AND ASSEMBLY

for which an application for United States Letters patent was filed on even date herewith, and

WHEREAS, QD Vision, Inc., a corporation of Delaware (U.S.A.), whose post office address is 29 Hartwell Avenue, Lexington, Massachusetts 02421 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest throughout the world in and to the inventions and improvements which are the subject of the above identified application;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which from Assignce is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, the entire right, title, and interest throughout the world in and to the inventions and improvements which are the subject of said application, this assignment including said application, all utility applications claiming priority from said application, divisions, continuations-in-part, and continuations of the foregoing, any and all Letters Patent of the United States which may be granted for any of said inventions and improvements, any and all reissues thereof, any and all foreign patents, utility models, and design registrations granted for any of said inventions and improvements in any foreign country, any and all extensions, renewals, and reissues thereof, all rights to claim priority based on the filing date of said application, including the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other statutes and treaties of like purpose; and We authorize the Assignce to apply in all countries in our name or in its own name for patents, utility models and design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignce, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree for ourselves and our respective heirs, legal representatives and assigns that We will, without further compensation, perform such lawful acts as Assignee may reasonably request to effectuate fully this assignment, including, but not limited to, communicating with Assignee, its successors and assigns, any facts known to us respecting said inventions and improvements, testifying in any legal proceeding, signing all lawful papers when called upon to do so, executing and delivering any and all papers that may be necessary or desirable to perfect the title to said inventions and improvements in said Assignee, its successors and assigns, executing said application and all further applications, making all rightful oaths and generally performing other lawful acts reasonably requested by Assignee, its successors and assigns, to obtain and enforce proper patent and other rights in and to said inventions and improvements in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

Page 1 of 2

IN WITNESS WHEREOF, I hereto set my hand:

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IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: Warren P. Pumyea	
Address: 41 Moran Street, Gardner, MA 01440	
Signature;	
Date:	

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: Victoria K. Hinchey	
Address: 172 Highland Avenue, Winchester, MA 01890	
Signature:	
Date:	

JOINT INVENTION

ASSIGNMENT

(Worldwide Rights)

WHEREAS We, the undersigned (herein after referred to as "Assignors" or "We"), are inventors of the inventions and improvements which are the subject of the patent application entitled:

LIGHT MIXING CHAMBER FOR USE WITH COLOR CONVERTING MATERIAL AND LIGHT **GUIDE PLATE AND ASSEMBLY**

for which an application for United States Letters patent was filed on even date herewith, and

WHEREAS, OD Vision, Inc., a corporation of Delaware (U.S.A.), whose post office address is 29 Hartwell Ayenue, Lexington, Massachusetts 02421 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest throughout the world in and to the inventions and improvements which are the subject of the above identified application;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, the entire right, title, and interest throughout the world in and to the inventions and improvements which are the subject of said application, this assignment including said application, all utility applications claiming priority from said application, divisions, continuations-in-part, and continuations of the foregoing, any and all Letters Patent of the United States which may be granted for any of said inventions and improvements, any and all reissues thereof, any and all foreign patents, utility models, and design registrations granted for any of said inventions and improvements in any foreign country, any and all extensions, renewals, and reissues thereof, all rights to claim priority based on the filing date of said application, including the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other statutes and treaties of like purpose; and We authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models and design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree for ourselves and our respective heirs, legal representatives and assigns that We will, without further compensation, perform such lawful acts as Assignee may reasonably request to effectuate fully this assignment, including, but not limited to, communicating with Assignee, its successors and assigns, any facts known to us respecting said inventions and improvements, testifying in any legal proceeding, signing all lawful papers when called upon to do so, executing and delivering any and all papers that may be necessary or desirable to perfect the title to said inventions and improvements in said Assignee, its successors and assigns, executing said application and all further applications, making all rightful oaths and generally performing other lawful acts reasonably requested by Assignee, its successors and assigns, to obtain and enforce proper patent and other rights in and to said inventions and improvements in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

> **PATENT** REEL: 035825 FRAME: 0890

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIRST ASSIGNOR: Sridhar Sadasivan
Address: 322 Holden Wood Road, Concord, MA 01742
Signature:
Date:

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF S	SECOND ASSIGNOR: Karen Twietmeyer
Address: 53 Hurd	Road, Belmont, MA 02478
	7 1
Signature:	wer furt
Date:	111/15

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: Warren P. Pumyea	
Address: 41 Moran Street, Gardner, MA 01440	
Signature: Wassen P. Pan	
Date: 6/1/15	

IN WITNESS WHEREOF, I hereto set my hand:

RECORDED: 06/11/2015

FULL NAME OF THIRD ASSIGNOR: Victoria K. Hinchey	
Address: 172 Highland Avenue, Winchester, MA 01890	
Signature: Villez Z. Hanney	
Date: 6/11/15	

PATENT REEL: 035825 FRAME: 0891