

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter T. Kazlas</td> <td>09/25/2012</td> </tr> <tr> <td>John Spencer Morris</td> <td>07/19/2012</td> </tr> <tr> <td>Robert J. Nick</td> <td>07/19/2012</td> </tr> <tr> <td>Zoran Popovic</td> <td>07/18/2012</td> </tr> <tr> <td>Matthew Stevenson</td> <td>09/24/2012</td> </tr> <tr> <td>Jonathan S. Steckel</td> <td>07/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Peter T. Kazlas	09/25/2012	John Spencer Morris	07/19/2012	Robert J. Nick	07/19/2012	Zoran Popovic	07/18/2012	Matthew Stevenson	09/24/2012	Jonathan S. Steckel	07/17/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>QD Vision, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>29 Hartwell Avenue</td> </tr> <tr> <td>City:</td> <td>Lexington</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02421</td> </tr> </table>		Name:	QD Vision, Inc.	Street Address:	29 Hartwell Avenue	City:	Lexington	State/Country:	MASSACHUSETTS	Postal Code:	02421				
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Application Number:	13468199														
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CORRESPONDENCE DATA															
Fax Number:	7813723281														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(781) 652-7403														
Email:	mfinnegan@qdvision.com														
Correspondent Name:	Martha Ann Finnegan, Esquire														
Address Line 1:	29 Hartwell Avenue														
Address Line 4:	Lexington, MASSACHUSETTS 02421														
ATTORNEY DOCKET NUMBER:	QDV145_PCT														

CH \$80.00 13468199

NAME OF SUBMITTER:

Martha Ann Finnegan

Total Attachments: 12

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ASSIGNMENT

(Worldwide Rights)

WHEREAS We, the undersigned (herein after referred to as "Assignors" or "We"), are named as inventors in the patent application entitled:

DEVICE INCLUDING QUANTUM DOTS

for which International Patent Application No. PCTUS2010/056397 was filed on 11 November 2010 and

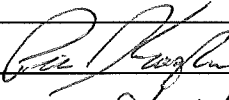
WHEREAS, QD Vision, Inc., a corporation of Delaware (U.S.A.), whose post office address is 29 Hartwell Avenue, Lexington, 02421 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest throughout the world in and to the inventions and improvements which are the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

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIRST ASSIGNOR: PETER T. KAZLAS	
Address: 29 Pilgrims Path, Sudbury, MA 01776 US	
Signature:	
Date:	9/25/12

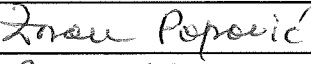
IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF SECOND ASSIGNOR: JOHN SPENCER MORRIS	
Address: 2105 Fairway Drive, Dodge City, Kansas 67801	
Signature:	
Date:	

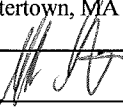
IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: ROBERT J. NICK	
Address: 137A Shirley Street, Pepperell, MA 01463	
Signature:	
Date:	

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FOURTH ASSIGNOR: ZORAN POPOVIC	
Address: 3349 Sawmill Road, Mississauga, Ontario L5L2A8 Canada	
Signature:	
Date:	July 18, 2012

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIFTH ASSIGNOR: MATTHEW STEVENSON
Address: 23A Avon Street, Watertown, MA 02472
Signature: 
Date: 9/24/12

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIFTH ASSIGNOR: JONATHAN S. STECKEL
Address: 12 Hemlock Lane, Bedford, MA 01730
Signature:
Date:

JOINT INVENTION

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(Worldwide Rights)

WHEREAS We, the undersigned (herein after referred to as "Assignors" or "We"), are named as inventors in the patent application entitled:

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WHEREAS, QD Vision, Inc., a corporation of Delaware (U.S.A.), whose post office address is 29 Hartwell Avenue, Lexington, 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.

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIRST ASSIGNOR: PETER T. KAZLAS
Address: 29 Pilgrims Path, Sudbury, MA 01776 US
Signature:
Date:

IN WITNESS WHEREOF, I hereto set my hand:

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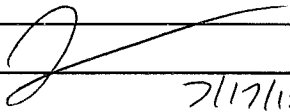
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FULL NAME OF FIFTH ASSIGNOR: JONATHAN S. STECKEL
Address: 12 Hemlock Lane, Bedford, MA 01730 110 Baldwin Rd, Carlisle, MA 01741
Signature: 
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Address: 137A Shirley Street, Pepperell, MA 01463
Signature: <i>Robert J. Nick</i>
Date: <i>19 July 2012</i>

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FULL NAME OF FOURTHASSIGNOR: ZORAN POPOVIC
Address: 3349 Sawmill Road, Mississauga, Ontario L5L2A8 Canada
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Docket No. QDV145PCT

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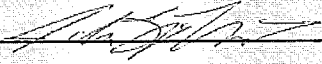
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Docket No. QDV145PCT

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