

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Seth Coe-Sullivan</td> <td>03/21/2011</td> </tr> <tr> <td>John R. Linton</td> <td>04/12/2011</td> </tr> <tr> <td>Daniel Cohen</td> <td>03/28/2011</td> </tr> <tr> <td>John E. Ritter</td> <td>03/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Seth Coe-Sullivan	03/21/2011	John R. Linton	04/12/2011	Daniel Cohen	03/28/2011	John E. Ritter	03/24/2011
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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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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12944681</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12944681						
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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:	QDV149US										
NAME OF SUBMITTER:	Martha Ann Finnegan										
Signature:	/Martha Ann Finnegan/										

Date:

05/23/2013

Total Attachments: 12

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JOINT INVENTION

ASSIGNMENT

(Worldwide Rights)

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

LIGHTING SYSTEMS & DEVICES INCLUDING SAME

for which an application for United States Letters patent was filed on **11 November 2010** under Application No. **12/944,681**, and

WHEREAS, QD Vision, Inc., a corporation of Delaware (U.S.A.), whose post office address is 313 Pleasant Street, 4th Floor, Watertown, Massachusetts 02472 (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: SETH COE-SULLIVAN	
Address: 1917 Belmont Lane, Unit B, Redondo Beach, CA 90278 US	
Signature:	<i>Seth</i>
Date:	3/21/11

County of _____ ss)

State/Commonwealth of _____)

Subscribed and sworn to before me this _____ day
of _____, 2011

Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF SECOND ASSIGNOR: JOHN R. LINTON	
Address: 95 Nut Meadow Crossing, Concord, MA 01742 US	
Signature:	
Date:	

County of _____ ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day
of _____, 2011

Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: DANIEL COHEN
Address: 170 Valley Road, Concord, MA 01742 US
Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day
of _____, 2011

_____ Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FOURTH ASSIGNOR: JOHN E. RITTER
Address: 15 Flagg Road, Westford, MA 01886 US
Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day
of _____, 2011

_____ Notary Public

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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;

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IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIRST ASSIGNOR: SETH COE-SULLIVAN
Address: 1917 Belmont Lane, Unit B, Redondo Beach, CA 90278 US
Signature:
Date:

County of _____ ss)

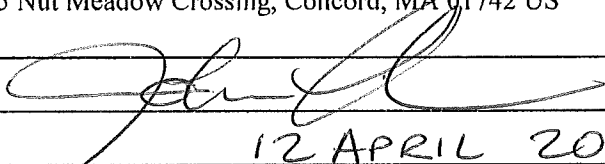
State/Commonwealth of _____)

Subscribed and sworn to before me this _____ day
of _____, 2011

Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF SECOND ASSIGNOR: JOHN R. LINTON
Address: 95 Nut Meadow Crossing, Concord, MA 01742 US
Signature: 
Date: 12 APRIL 2011

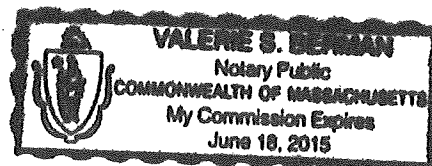
County of Middlesex ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this 12th day
of April, 2011

Valerie S Berman Notary Public

SEAL



IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: DANIEL COHEN
Address: 170 Valley Road, Concord, MA 01742 US
Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day

of _____, 2011

_____ Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FOURTH ASSIGNOR: JOHN E. RITTER
Address: 15 Flagg Road, Westford, MA 01886 US
Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

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_____ Notary Public

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Date:

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State/Commonwealth of _____)

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Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

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_____, Notary Public

SEAL

IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF THIRD ASSIGNOR: DANIEL COHEN
Address: 170 Valley Road, Concord, MA 01742 US
Signature: <i>[Signature]</i>
Date: 3/23/2011

County of United States) Middlesex
(Commonwealth of Massachusetts)

Subscribed and sworn to before me this 28th day

of March, 2011

Ellen R. Carlson Notary Public

SEAL



IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FOURTH ASSIGNOR: JOHN E. RITTER
Address: 15 Flagg Road, Westford, MA 01886 US
Signature:
Date:

County of _____ ss)

(Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day

of _____, 2011

Notary Public

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IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FIRST ASSIGNOR: SETH COE-SULLIVAN
Address: 1917 Belmont Lane, Unit B, Redondo Beach, CA 90278 US
Signature:
Date:

County of _____ ss)

State/Commonwealth of _____)

Subscribed and sworn to before me this _____ day
of _____, 2011

Notary Public

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IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF SECOND ASSIGNOR: JOHN R. LINTON
Address: 95 Nut Meadow Crossing, Concord, MA 01742 US
Signature:
Date:

County of _____ ss)

Commonwealth of Massachusetts)

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of _____, 2011

_____ Notary Public

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IN WITNESS WHEREOF, I hereto set my hand:

FULL NAME OF FOURTH ASSIGNOR: JOHN E. RITTER
Address: 15 Flagg Road, Westford, MA 01886 US
Signature: <i>John E Ritter</i>
Date: <i>March 24, 2011</i>

County of _____ ss)

Commonwealth of Massachusetts)

Subscribed and sworn to before me this _____ day
of _____, 2011

_____ Notary Public

SEAL