PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER RIZKIN	04/08/2011
ROBERT TUDHOPE	04/08/2011
RICK MOSHTAGH	04/08/2011
HANNU TAPANI HUKKANEN	05/27/2011
TOMI MIKAEL KUNTZE	05/27/2011

RECEIVING PARTY DATA

Name:	BRIDGELUX INCORPORATED
Street Address:	101 PORTOLA AVENUE
City:	LIVERMORE
State/Country:	CALIFORNIA
Postal Code:	94551

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13869887

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:	030348.00823 (PO)
NAME OF SUBMITTER:	PEGGY O'CONNOR
SIGNATURE:	/PEGGY OCONNOR/
DATE SIGNED:	06/09/2015

Total Attachments: 6

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PATENT REEL: 035872 FRAME: 0510

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> PATENT REEL: 035872 FRAME: 0511

Docket No. 030348-00185 Customer No.: 68543

ASSIGNMENT

WHEREAS, We, Alexander Rizkin, Robert Tudhope, Vahid Moshtagh, Hannu Tapani Hukkanen, and Tomi Mikael Kuntze, residing at (city) Livermore, (state) California, the undersigned inventors (ASSIGNOR), are the owners of all rights, title and interest in and to an invention which is disclosed in an application for United States Patent entitled HIGHLY EFFICIENT LED ARRAY MODULE WITH PRECALCULATED NON-CIRCULAR ASYMMETRICAL LIGHT DISTRIBUTION executed on even date herewith.

WHEREAS, Bridgelux Inc., (ASSIGNEE) is a corporation organized and existing under the laws of California having a place of business at 101 Portola Avenue, Livermore, California 94551-7555. ASSIGNEE desires to acquire the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues, re-examinations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, continuations-in-part, divisions, extensions, renewals, substitutes, reissues, and re-exams thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

We HEREBY covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, an agreement in conflict herewith;

AND We HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, reissue and re-exam applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

LA/433710.1

IN TESTIMONY WHEREOF, I hereby set my hand this 2 day of	April , 2011.
IN TESTIMONY WHEREOF, I hereby set my hand this \(\int \) day of \(\textit{Alexander Rizkin} \)	Part
Alexander Rizkin	
STATE OF,) COUNTY OF,)	ss.
On, 2011 before me	
personally appeared,	
who proved to me on the basis of satisfactory evidence to be the person whose naminstrument and acknowledged to me that he/she executed the same in his authorized on the instrument, the person, or the entity upon behalf of which the person acted, e	d capacity, and that by his/her signature
I certify under PENALTY OF PERJURY UNDER THE LAWS OF THE State of _ foregoing paragraph is true and correct.	that the
WITNESS my hand and official seal.	
Notary Public (SEAL)	
,	

IN TESTIMONY WHEREOF, I hereby set my hand this day of	April , 2011.
Robert Tudnope	
STATE OF,)	
COUNTY OF,)	SS.
On, 2011 before me	
personally appeared,	
who proved to me on the basis of satisfactory evidence to be the person whose nam instrument and acknowledged to me that he/she executed the same in his authorized on the instrument, the person, or the entity upon behalf of which the person acted, ex	capacity, and that by his/her signature
I certify under PENALTY OF PERJURY UNDER THE LAWS OF THE State of foregoing paragraph is true and correct.	that the
WITNESS my hand and official seal.	
(SEAL)	
Notary Public	

IN TESTIMONY WHE	REOF, I hereby set my hand thi	is 8 day of April	, 2011.
	Vals	I. Matth	
	Rick Mosl	ntagh	
STATE OF	,)		
STATE OF	,)		SS.
On	, 2011 before me		
personally appeared			
instrument and acknowledge	sis of satisfactory evidence to be the ed to me that he/she executed the sar n, or the entity upon behalf of which	me in his authorized capacity, a	and that by his/her signatur
I certify under PENALTY C foregoing paragraph is true a	OF PERJURY UNDER THE LAWS and correct.	OF THE State of	that the
WITNESS my hand	i and official seal.		
	(SEAL)	
Notary Public			

IN TESTIMONY WHEREOF, I hereby set my hand this of day of	, 2011.
2-pl-	
Hannu Tapani Hukkanen	
STATE OF,)	
COUNTY OF,)	SS.
On, 2011 before me	
personally appeared,	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribe instrument and acknowledged to me that he/she executed the same in his authorized capacity, and on the instrument, the person, or the entity upon behalf of which the person acted, executed the in	I that by his/her signature
l certify under PENALTY OF PERJURY UNDER THE LAWS OF THE State of foregoing paragraph is true and correct.	that the
WITNESS my hand and official seal.	
(SEAL)	
Notary Public	

IN TESTIMONY WHEREOF, I hereby set my hand this 7 day of MM Tomi Mikael Kuntze	, 2011.
STATE OF,) COUNTY OF,)	SS.
On, 2011 before me	VV19**
personally appeared,	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to instrument and acknowledged to me that he/she executed the same in his authorized capacity, and that on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.	t by his/her signature
I certify under PENALTY OF PERJURY UNDER THE LAWS OF THE State of foregoing paragraph is true and correct.	that the
WITNESS my hand and official seal.	
Notary Public (SEAL)	

LA/433710.1

RECORDED: 06/09/2015

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PATENT REEL: 035872 FRAME: 0517