

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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
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<b>Street Address:</b>	101 PORTOLA AVENUE
<b>City:</b>	LIVERMORE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94551
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13869887
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>SIGNATURE:</b>	/PEGGY OCONNOR/
<b>DATE SIGNED:</b>	06/09/2015
<b>Total Attachments: 6</b>	
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## 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.









