

## 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>
	WILLIAM A. HEIN	11/12/2015
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<b>Name:</b>	NATIONAL LIGHTING SOLUTIONS, INC.	
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<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	90220	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14925707
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<b>NAME OF SUBMITTER:</b>	MICHAEL S. DOLL	
<b>SIGNATURE:</b>	/michael s doll/	
<b>DATE SIGNED:</b>	05/31/2016	
<b>Total Attachments: 2</b>		
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# ASSIGNMENT OF INVENTION AND RELATED PATENT RIGHTS

## Identification of Parties:

**ASSIGNOR:** William A. Hein  
607 6th Street  
Manhattan Beach, CA 90266  
A U.S. citizen and Sole Inventor

**ASSIGNEE:** National Lighting Solutions, Inc  
19500 S. Rancho Way, Suite 105  
Rancho Dominguez, CA 90220  
A California corporation

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby transfers to ASSIGNEE, its successors and assigns, his entire world-wide right, title, and interest in the Invention entitled **REFLECTOR BASED ILLUMINATION SYSTEM** corresponding to a U.S. utility patent application, assigned U.S. Serial No. 14/925,707, filed on **October 28, 2015**, including any provisionals, non-provisionals, divisionals, continuations, continuations-in-part, and improvements thereof, and in all Letters Patent of the United States and legal equivalents in countries foreign thereto which may be granted or have been granted for the Invention and improvements thereof, and in all reissues, re-examinations, renewals, or extensions thereof, and in all rights to claim the benefit of priority, Convention rights, and other benefits accruing to the ASSIGNOR with respect to the filing of applications for patents or securing of patents of the United States or legal equivalents in countries foreign thereto.

This Assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent and legal equivalents in foreign countries thereto which may be granted or have been granted for the Invention or improvements thereof, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present, and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR if this Assignment had not been made.

ASSIGNOR hereby covenants that he believes himself to be **sole, original, and first inventor** of the Invention identified-above and disclosed and claimed in the application for Letters Patent filed on **October 28, 2015** and assigned U.S.S.N. 14/925,707 and further believes himself to be the sole owner of the entire right, title, and interest in the Invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon request, be provided promptly will all pertinent facts and documents relating to the invention and the Letters Patent and legal

equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto.

ASSIGNOR further covenants that he will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce the application, the Invention, and the Letters Patent and foreign equivalents thereof, as the ASSIGNEE may from time to time require and prepare at its own expense.

ASSIGNOR further authorizes and requests the Commissioner for Patents of the United States, and all equivalent foreign officials, to issue any Letters Patent or foreign equivalent thereof granted for the Invention, whether on the application or on any subsequently filed non-provisional, divisional, continuation, continuation-in-part, re-examinations, renewals, extensions, or reissue application, to ASSIGNEE, its successors and assigns, as the ASSIGNEE of the entire interest.

This agreement shall be interpreted under the laws of the State of California. Any litigation under this agreement shall be resolved in the trial courts of Los Angeles County, State of California.

This Assignment will become effective and binding upon the parties to this Assignment as of the execution date at such time as all the signatories hereto have signed this Assignment.

IN WITNESS WHEREOF, I, the undersigned, have executed this Assignment of Invention and Related Patent Rights on the date and location next to my signature below.

*William Hein*

Signature of William A. Hein

Executed at: Rancho Dominguez, California,  
County of Los Angeles on the 12<sup>th</sup> day of November, 2015.

**[End of Assignment of Invention and Related Patent Rights]**