PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUK YONG KIM	08/21/2014

RECEIVING PARTY DATA

Name:	KMW INC.	
Street Address:	183-6, YEONGCHEON-RO	
Internal Address:	DONGTAN-MYEON	
City:	HWASEONG, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	445-813	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14466436

CORRESPONDENCE DATA

Fax Number:

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:	96311(315222)
NAME OF SUBMITTER:	KONGSIK KIM
SIGNATURE:	/Kongsik Kim/
DATE SIGNED:	08/22/2014

Total Attachments: 2

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PATENT 502946874 REEL: 033593 FRAME: 0665

ATTORNEY DOCKET NO.: 96311(315222)

ASSIGNMENT				
Title of Invention	Title of Invention LIGHTING DEVICE ENABLING ARBITRARY DISTRIBUTION OF LIGHT			
The undersigned ("Assignor") is an inventor, an applicant, and/or an owner of: [X] The application attached hereto. [] United States Application No				
Name of A	Name of Assignee Address			
KMW	INC.	183-6, Yeongcheon-ro, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, 445-813, Republic of Korea		

For good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

For the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

For the same consideration, Assignor hereby represents and warrants to Assignee, its successors,

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EOWARDS WILDMAN PALMER LLP P. O. BOX 55874, BOSTON, MA 02205

legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said Inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS WILDMAN PALMER LLP

All practitioners at Customer Number 90238.

Assignor(s) acknowledge(s) an obligation of assignment of this invention to Assignee(s) at the time the invention was made.

Name of Assignor(s)	Signature	Date
Duk Yong KIM		August 21, 2014

2

PATENT REEL: 033593 FRAME: 0667