PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIE CHEN	04/16/2015
CRAIG EUGENE MARQUARDT	04/20/2015
DANIEL AARON WEISS	04/16/2015
DANIEL VINCENT SEKOWSKI	04/20/2015
YASER S. ABDELSAMED	04/16/2015

RECEIVING PARTY DATA

Name:	ABL IP HOLDING LLC
Street Address:	ONE LITHONIA WAY
City:	CONYERS
State/Country:	GEORGIA
Postal Code:	30012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14693193

CORRESPONDENCE DATA

Fax Number: (415)576-0300

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.

Phone: 303-571-4000

Email: Izimmerman@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP Address Line 1: TWO EMBARCADERO CENTER - 8TH FLOOR

Address Line 2: ATTN: JOHN LINDEMANN

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	N0023-938155
NAME OF SUBMITTER:	JOHN LINDEMANN
SIGNATURE:	/John Lindemann/
DATE SIGNED:	04/28/2015

Total Attachments: 4

PATENT REEL: 035519 FRAME: 0355 source=2015-04-28_ASSGNMT_N0023-938155#page1.tif source=2015-04-28_ASSGNMT_N0023-938155#page2.tif source=2015-04-28_ASSGNMT_N0023-938155#page3.tif source=2015-04-28_ASSGNMT_N0023-938155#page4.tif

> PATENT REEL: 035519 FRAME: 0356

ASSIGNMENT

We, the undersigned, have invented certain inventions and improvements disclosed in a non-provisional patent application entitled

"LED ASSEMBLY HAVING A REFRACTOR THAT PROVIDES IMPROVED LIGHT CONTROL,"

filed with the U.S. Patent & Trademark Office on March 15, 2013

and assigned serial no. 13/837.731.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell
 and have assigned, transferred, conveyed, and sold to ABL IP Holding LLC, a limited
 liability company of the State of Georgia having a principal place of business at One
 Lithonia Way, Conyers, Georgia 30012 ("Assignee"), the entire right, title, and
 interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter parter reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

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(including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application if said information is not available at the time of the execution of this Assignment.

Signed on the dates indicated beside our signatures.

Signature:

Jie Chen

Signature:

(Craig Eugene Marquardt

Date: 4/16/2015Date: 9/10/2015

Signature:	and a	Date: 4/16/15
Signature:	Daniel Aaron Weiss Daniel Vincent Sekowski	Date: 4/20/15
Signature:	Yaser S. Abdelsamed	Date:

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ASSIGNMENT U.S. Serial No. 13/837,731 Page 3 of 3

Signature:		Date:	
	Daniel Aaron Weiss		
Signature:	Daniel Vincent Sekowski	Date:	
Signature:	Yaser S. Abdelsamed	Date: 4/16/15	

6579544V,1

RECORDED: 04/28/2015

PATENT REEL: 035519 FRAME: 0360