

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4745697

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL R. KRAMES	10/27/2008
JOHN E. EPLER	10/27/2008
DANIEL A. STEIGERWALD	10/27/2008
TAL MARGALITH	10/27/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHILIPS LUMILEDS LIGHTING COMPANY, LLC
<b>Street Address:</b>	370 W. TRIMBLE ROAD
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>Name:</b>	KONINKLIJKE PHILIPS ELECTRONICS N V
<b>Street Address:</b>	GROENEWOUDSEWEG 1
<b>City:</b>	EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5621 BA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8450754
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)742-0644
<i>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.</i>	
<b>Phone:</b>	6507420644
<b>Email:</b>	paralegal@convergenceiplaw.com
<b>Correspondent Name:</b>	CONVERGENCE INTELLECTUAL PROPERTY LAW P.C
<b>Address Line 1:</b>	2251 GRANT RD. SUITE G
<b>Address Line 4:</b>	LOS ALTOS, CALIFORNIA 94024
<b>ATTORNEY DOCKET NUMBER:</b>	LUMI-021US
<b>NAME OF SUBMITTER:</b>	ANEESH KRISHNAN

<b>SIGNATURE:</b>	/ANEESH/
<b>DATE SIGNED:</b>	12/21/2017
<b>Total Attachments: 5</b> source=8450754_2008P00348US01#page1.tif source=8450754_2008P00348US01#page2.tif source=8450754_2008P00348US01#page3.tif source=8450754_2008P00348US01#page4.tif source=8450754_2008P00348US01#page5.tif	

# PATENT ASSIGNMENT

Electronic Version v1.1

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael R. KRAMES	10/27/2008
John E. EPLER	10/27/2008
Daniel A. STEIGERWALD	10/27/2008
Tal MARGALITH	10/27/2008
RECEIVING PARTY DATA	
Name:	Koninklijke Philips Electronics N V
Street Address:	Groenewoudseweg 1
City:	Eindhoven
State/Country:	NETHERLANDS
Postal Code:	5621 BA
Name:	Philips Lumileds Lighting Company, LLC
Street Address:	370 W. Trimble Road
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12266162
CORRESPONDENCE DATA	
Fax Number:	(914)332-0615
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	914-332-0222
Email:	natale.manzo@PHILIPS.COM
Correspondent Name:	Azir U. Haque
Address Line 1:	P.O. BOX 3001

CH \$40.00 12266162

500697322

**PATENT**  
REEL: 024457 FRAME: 00390

Address Line 2:	Intellectual Property & Standards
Address Line 4:	BRIARCLIFF MNR., NEW YORK 10510-8001

ATTORNEY DOCKET NUMBER:	009866 US1
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NAME OF SUBMITTER:	Azir U. Haque
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Total Attachments: 3 source=009866US1_LUM-06-11-11_Assignment#page1.tif source=009866US1_LUM-06-11-11_Assignment#page2.tif source=009866US1_LUM-06-11-11_Assignment#page3.tif
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Attorney Docket No.: LUM-06-11-11

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

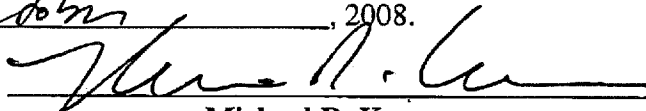
**Michael R. Krames, John E. Epler, Daniel A. Steigerwald and Tal Margalith**

hereby sell, assign and transfer to **Philips Lumileds Lighting Company, LLC, a Delaware corporation**, having a place of business at 370 W. Trimble Road, San Jose, CA 95131, and to **Koninklijke Philips Electronics N.V. et al.**, having a place of business at Groenewoudseweg 1, Eindhoven, The Netherlands, jointly, their successors and assigns, the entire right, title and interest throughout the world in our invention in

**SERIES CONNECTED FLIP CHIP LEDS WITH GROWTH  
SUBSTRATE REMOVED**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named joint assignees to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said joint assignees, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named joint assignees, their successors and assigns.

Executed this 27<sup>th</sup> day of October, 2008.



Michael R. Krames,

State of California )  
County of Santa Clara ) ss.

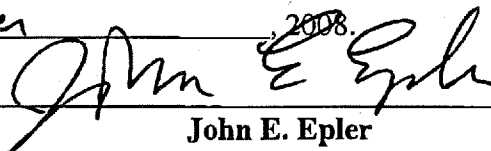
On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ who proved to me  
on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or  
the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that  
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Attorney Docket No.: LUM-06-11-11

Executed this 27<sup>th</sup> day of October, 2008.  
\_\_\_\_\_  
John E. EplerState of CA )  
County of Santa Clara ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
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WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARYExecuted this 27 day of October, 2008.  
\_\_\_\_\_  
Daniel A. SteigerwaldState of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_  
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SIGNATURE OF NOTARY

Attorney Docket No.: LUM-06-11-11

Executed this 27 day of OCTOBER, 2008.

State of CALIFORNIA )  
 ) ss.  
County of SANTA CLARA )

  
Tal Margalith

On \_\_\_\_\_ before me, \_\_\_\_\_  
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