

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>PATRICK N GRILLOT</td><td>12/12/2007</td></tr><tr><td>RAFAEL I ALDAZ</td><td>12/12/2007</td></tr><tr><td>DEBORAH L COBLENTZ</td><td>12/12/2007</td></tr><tr><td>ANNELI MUNKHOLM</td><td>12/13/2007</td></tr><tr><td>HANMIN ZHAO</td><td>12/12/2007</td></tr></tbody></table>	Name	Execution Date	PATRICK N GRILLOT	12/12/2007	RAFAEL I ALDAZ	12/12/2007	DEBORAH L COBLENTZ	12/12/2007	ANNELI MUNKHOLM	12/13/2007	HANMIN ZHAO	12/12/2007	
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DEBORAH L COBLENTZ	12/12/2007												
ANNELI MUNKHOLM	12/13/2007												
HANMIN ZHAO	12/12/2007												
RECEIVING PARTY DATA													
Name:	PHILIPS LUMILEDS LIGHTING COMPANY, LLC												
Street Address:	370 WEST TRIMBLE ROAD												
City:	SAN JOSE												
State/Country:	CALIFORNIA												
Postal Code:	95131												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11957031</td></tr></tbody></table>	Property Type	Number	Application Number:	11957031									
Property Type	Number												
Application Number:	11957031												
CORRESPONDENCE DATA													
Fax Number:	(408)904-3624												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	408-904-3621												
Email:	daniel.michalek@philips.com												
Correspondent Name:	PHILIPS ELECTRONICS NORTH AMERICA CORPOR												
Address Line 1:	370 W. TRIMBLE ROAD MS 91/MG												
Address Line 4:	SAN JOSE, CALIFORNIA 95131												
ATTORNEY DOCKET NUMBER:	PH009235US1												
NAME OF SUBMITTER:	Daniel L. Michalek												

CH \$40.00 11957031

500420777

PATENT  
REEL: 020249 FRAME: 0791

Total Attachments: 3

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**PATENT**

**REEL: 020249 FRAME: 0792**

# ASSIGNMENT

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

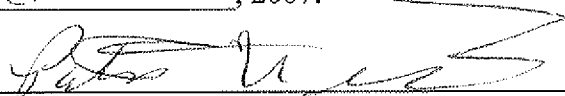
Patrick N. Grillot, Rafael I. Aldaz, Deborah L. Coblentz,  
Anneli Munkholm, Hanmin Zhao

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, its successors and assigns, the entire right, title and interest throughout the world in our invention in

## LIGHT EMITTING DEVICE WITH BONDED INTERFACE

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 12 day of December, 2007.



Patrick N. Grillot

State of California )  
 ) ss.  
County of Santa Clara )

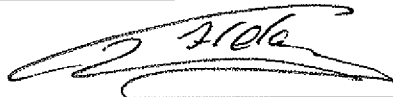
On December 12, 2007 before me, Sandra C. Flores, Notary  
personally appeared Patrick N. Grillot personally known to  
~~me or~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)  
is(~~are~~) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ 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.



WITNESS my hand and official seal.

Sandra C. Flores  
SIGNATURE OF NOTARY

Executed this 12 day of December, 2007.



Rafael I. Aldaz

State of CALIFORNIA )  
 County of Santa Clara ) ss.

On December 12, 2007 before me, Sandra C Flores, NOTARY  
 personally appeared Rafael Ignacio ALDIZ personally known to  
 me or 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.



WITNESS my hand and official seal.

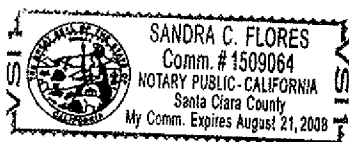
Sandra C Flores  
 SIGNATURE OF NOTARY

Executed this 12 day of December, 2007.

Deborah L. Coblenz  
 Deborah L. Coblenz

State of California )  
 County of Santa Clara ) ss.

On Dec. 12 2007 before me, Sandra C Flores, NOTARY  
 personally appeared Deborah Lynn Coblenz personally known to  
 me or 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.



WITNESS my hand and official seal.

Sandra C Flores  
 SIGNATURE OF NOTARY

Executed this 13 day of DECEMBER, 2007

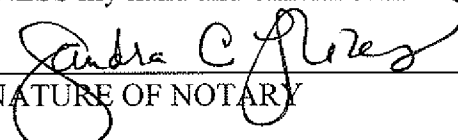
  
Anneli Munkholm

State of California )  
 ) ss.  
County of Santa Clara )

On December 13, 2007 before me, Sandra C Flores, Notary  
personally appeared Anneli Munkholm personally known to  
~~me or~~ 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.



WITNESS my hand and official seal.

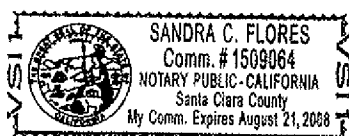
  
SIGNATURE OF NOTARY

Executed this 12 day of December, 2007.


  
Hanmin Zhao

State of California )  
 ) ss.  
County of Santa Clara )

On Dec. 12th 2007 before me, Sandra C Flores, Notary  
personally appeared Hanmin Zhao personally known to  
~~me or~~ 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.



WITNESS my hand and official seal.

  
SIGNATURE OF NOTARY