504858030 04/09/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4904769

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
DAVID P. BOUR		10/18/2001
NATHAN F. GARDNER		09/25/2001
WERNER K. GOETZ		09/26/2001
STEPHEN A. STOCKMAN		09/17/2001
TETSUYA TAKEUCHI		10/18/2001
GHULAM HASNAIN		09/17/2001
CHRISTOPHER P. KOCOT		10/24/2001
MARK R. HUESCHEN		10/19/2001

Name:	LUMILEDS LIGHTING, U.S. LLC	
Street Address:	370 W. TRIMBLE RD.	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95131	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11177670

CORRESPONDENCE DATA

Fax Number:	(650)472-0644	
		e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.
Phone:	6504720644	
Email:	paralegal.maxval@maxval.com	
Correspondent Name:	CONVERGENCE INTELLECTUAL PROPERTY LAW P.C	
Address Line 1:	2251 GRANT RD. SUITE G	
Address Line 4:	LOS ALTOS, CALIFORNIA 94304	
ATTORNEY DOCKET NUMBE	R:	LUMI-0163US
NAME OF SUBMITTER:		RANJINE
SIGNATURE:		/Ranjine/

DATE SIGNED:	04/09/2018	
Total Attachments: 6		
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01-03-2002	U.S. DEPARTMENT OF COMMERCE
12/31/01	HEET PATENT AND TRADEMARK OFFICE
	1011 cant
TO THE HONORABLE DIRECTOR O 101932998	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
(1) David P. Bour, (2) Nathan F. Gardner, (3) Werner K. Goetz,	Name: LumiLeds Lighting, U.S., LLC
(4) Stephen A. Stockman, (5) Tetsuya Takeuchi, (6) Ghulam Hasnain,	Street Address: 370 W. Trimble Road
(7) Christopher P. Kocot, (8) Mark R. Hueschen	City: San Jose, California 95131
Additional name(s) of conveying party(ies) attached?	Country: USA
Yes No	
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
	Country:
Execution Date: (1) October 18, 2001, (2) September 25, 2001, (3) September 26, 2001, (4) September 17, 2001, (5) October 18, 2001, (6)	Additional name(s) & address(es) attached?
September 17, 2001, (7) October 24, 2001, and (8) October 19, 2001	Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	he execution date of the application is
A. Patent Application No.(s) - 09/912,589	B Potent No (s)
	DEC 3 1 2001
Title: Light Emitting Diodes With Graded Composition Active Regions	
Additional num	nbers attached? Yes No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1
Name: Mark E. Schmidt	
Internal Address: SKJERVEN MORRILL MacPHERSON LLP	
Street Address: 25 METRO DRIVE, SUITE 700	7. Total fee (37 CFR 3.41): \$40.00
City <u>SAN JOSE</u> State <u>CA</u> Zip <u>95110</u>	
<u>^</u>	Authorized to be charged to Deposit Account 19-2386
01/02/2002 GTDN11 00000275 192386 09912589 \	Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account
D1 FC:581 40.00 CH	19-2386 any amounts overpaid
DO NOT USE	THIS SPACE
8. Statement and signature.	
To the best of my knowledge and belief, the foregoing informati original document.	ion is true and correct and any attached copy is a true copy of the
Mark E. Schmidt 47,063 Mark C	hhmidt 30 october 2001
Mark E. Schmidt 47,063 /// and C	Signature Date
	umber of pages including cover sheet, attachments, and documents: 6

PATENT REEL: 045473 FRAME: 0925

ASSIGNMENT

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

Bour, David P.; Gardner, Nathan F.; Goetz, Werner K.; Stockman, Stephen A.; Takeuchi, Tetsuya; Hasnain, Ghulam; Kocot, Christopher P.; Hueschen, Mark R.

hereby sell, assign and transfer to LumiLeds Lighting, U.S., LLC, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, California 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

LIGHT EMITTING DIODES WITH GRADED COMPOSITION ACTIVE REGIONS

for which we filed a United States Patent Application on July 24, 2001, which now has Serial No. 09/912,589, 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 assignee 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 assignee, 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 assignee, its successors and assigns.

Executed this 18 day of October , 2001. David P. Bour State of <u>California</u> County of <u>Santa Clara</u> On Oct. 78, 2001 before me, LINDA A. TIMURA personally appeared DAVID P. BOUR personal 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. LINDA A. IIMURA Commission # 1236931

SIGNATURE OF NOTARY

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Notary Public - California

Santa Clara County My Comm. Exobes Oct 27, 2003

orth a la la sour
Executed this 25 day of September ,2001.
ALL TO CAME
Nathan F. Gardner
State of <u>California</u>) ss. County of <u>Santa Clara</u>)
County of Santa Clara)
On <u>September 25, 2001</u> before me, <u>Kimberly M. Wallace</u> , <u>Notary Public</u> personally appeared <u>Nathan F. Gardner</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(a) subscribed to the within instrument and acknowledged to me that he/ske/th/sy executed the same in his/her/th/ar authorized capacity(i)s), and that by his/her/th/eir 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.
KIMBERLY M. WALLACE Commission # 1254520 Notary Public - California Santa Clara County My Comm. Expires Feb 25, 2004
ack. Flore
Executed this 26th day of 2001.
CONTRACTOR
Werner K. Goetz
State of <u>California</u>) ss.
County of Santa Clara)
On <u>Sectember 26, 2001</u> before me, <u>KimberlyM. Uhllace</u> , <u>Notary Public</u> personally appeared <u>Werner K. Goetz</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(a/e) subscribed to the within instrument and acknowledged to me that he/sbe/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.
KIMBERLY M. WALLACE Communication # 1254520 Notary Public - California Santa Clara County My Comm. Express Feb 25, 2004

Executed this $\underline{\eta}^{\dagger}$ day of	September, 2001.
	Stephen a. Mockman
\bigcirc	Stephen A. Stockman
State of <u>CA</u>)	
) ss.	
County of <u>Santa Clara</u>)	

On September 17, 2001 before me, <u>Kimberly M. Wallace</u>, <u>Notary Public</u> personally appeared <u>Stephen A. Stockman</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person (X) whose name(x) is(ate) 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(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal. WITNESS my hand and official seal. My carm. Bobs Feb 23, 2004
Executed this 18th day of October, 2001.
Executed this <u>18</u> day of <u>UC10 500</u> , 2001. <u>Tetanza Takenchi</u> Tetsuya Takeuchi
State of <u>alifornia</u>) Sounty of <u>Santa (Qaua)</u> ss.
On <u>C.t. 18, 2001</u> before me, <u>LINDA A. TIMURA</u> personally appeared <u>TETSURA TAKEUCH</u> 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.



Executed this 17 day of September, 2001. <u>Glulan Namain</u> Ghulam Hasnain State of <u>CA</u> County of <u>Santa Clara</u> SS.

On September 17, 2001 before me, <u>Rimberly M Wallace</u>, Notary Rublic personally appeared <u>Cohularn Hasnain</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name(s) is(ac) subscribed to the within instrument and acknowledged to me that he/ske/they executed the same in his/her/their authorized capacity(hes), 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 27 Hday of October ,2001.

Christopher Hoest

State of <u>CA</u>	_)	
County of Santa Clare) 도)	SS

On October 24, 2001 before me, <u>Kimberly M. Wallace</u>, <u>Notary</u> Rublic personally appeared <u>Christopher P. Kocot</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(a) subscribed to the within instrument and acknowledged to me that he/s) e/they executed the same in his/her/their authorized capacity(is), and that by his/her/their signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.



WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this 19th day of October	, 2001.
	Mark R. Hereschen
	Mark R. Hueschen
State of (alifornia)	
State of <u>California</u>) Sounty of <u>Santa Clara</u>) ss.	
On Oct. 19, 2001 before me, personally appeared MAKK R. HUE:	LINDA A. TIMURA
personally appeared MARK R. HUE:	SCHEN personally
known to me or proved to me on the basis of satisfa	ctory 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 capacit	ty(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)

LINDA A. IIMURA Commission # 1236931 Notary Public - California S Santa Ciara Couniy My Comm. Encires Oct 27, 2003

acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

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