# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4876259

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                   | Execution Date |
|------------------------|----------------|
| GERD O. MUELLER        | 08/19/2002     |
| REGINA B. MUELLER-MACH | 08/19/2002     |
| DIETRICH BERTRAM       | 09/03/2002     |
| THOMAS JUESTEL         | 09/03/2002     |
| PETER J. SCHMIDT       | 09/03/2002     |
| JOACHIM OPITZ          | 09/03/2002     |

#### **RECEIVING PARTY DATA**

| 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: | 11033594 |

## **CORRESPONDENCE DATA**

Fax Number: (650)472-0644

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: 6504720644

Email: paralegal.maxval@maxval.com

CONVERGENCE INTELLECTUAL PROPERTY LAW P.C. **Correspondent Name:** 

2251 GRANT RD. SUITE G Address Line 1:

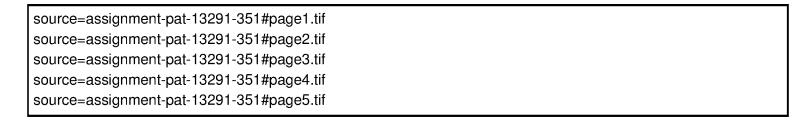
Address Line 4: LOS ALTOS, CALIFORNIA 94304

| ATTORNEY DOCKET NUMBER: | LUMI-0145US |
|-------------------------|-------------|
| NAME OF SUBMITTER:      | RANJINE     |
| SIGNATURE:              | /Ranjine/   |
| DATE SIGNED:            | 03/21/2018  |

**Total Attachments: 5** 

**PATENT** REEL: 045299 FRAME: 0687

504829522



PATENT REEL: 045299 FRAME: 0688

ATTORNEY DOCKET NO: M-9347-1P US U.S. DEPARTMENT OF COMMERCE R 09-19-2002 PATENT AND TRADEMARK OFFICE 9-16-02 TO THE HONORABLE DIRECTOR OF TH OFFICE. PLEASE RECORD THE ATTACHED 102226947 ORIGINAL DOCUMENTS OR COPY THEIL Name of conveying party(ies): Name and address of receiving party(les): Gerd O. Mueller Name: Lumileds Lighting, U.S. LLC (b) Regina B. Mueller-Mach Street Address: 370 W. Trimble Road Dietrich Bertram (c) Thomas Jüestel City:, San Jose State: California Zip: 95131 Peter Schmidt (d) Country: USA (e) Joachim Opitz Additional name(s) of conveying party(ies) attached? No. 3. Nature of Conveyance: Name and address of receiving party(ies): Assignment Merger Name: Security Agreement Change of Name Street Address: City: State: Zip: Country: Execution Date: (a) August 19, 2002; (b) August 19, 2002; Additional name(s) & address(es) attached? (c) September 3, 2002; (d) September 3, 2002, (e) September 3, 2002 Yes Νo 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) - 10/165,571 B. Patent No.(s) Light-Emitting Devices Utilizing Nanoparticles M Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Rachel V. Leiterman Internal Address: Patent Law Group LLP Street Address: 2635 North First St., Suite 223 7. Total fee (37 CFR 3.41): \$40.00 City San Jose State <u>CA</u> 95134 Zip Authorized to be charged to Deposit Account 502226 Charge Deposit Account 502226 for any additional fees 09/18/2002 GTON11 00000119 502226 10165571 required for this conveyance and credit deposit account 502226 any amounts overpaid **⊕1 FC:581** 40.00 CH DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Rachel V. Leiterman Name of Person Signing

Total number of pages comprising cover sheet: 1

Attorney Docket No.: M-12419 US

# **ASSIGNMENT**

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

Gerd O. Mueller, Regins B. Mueller-Mach, Dietrich Bertram, Thomas Juestal, Peter Schmidt, and Joschim Opitz

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-EMITTIMG DEVICES UTILIZING NANOPARTICLES

for which we filed a United States Patent Application on June 7, 2002, which now has Serial No. 10/165,571, 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 assignce 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.

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| Executed this 19 h day of My ust 2002.  |
|---|
| State of  |
| County of Santa Chara On August 19,2002 before me Kimherly M. Wallace, Notary Publi   |
| on August 19,2003 before me, Kimbelly M. Wallace, Notary Public personally appeared Octo O. Mueller personally known to me or proved to me on the basic of extintactory evidence to be the personally whose namels is (ap) subscribed to the within instrument and acknowledged to me that he statistic trey executed the same in his/he/their authorized capacity(16s), and that by his/he/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.            |
| KIMAERLY M. WALLACE Commission # 1254520 Molecy Public - Conforming \$ Scring Clarge County My Comm. Bepties Feb 25, 2004  WITNESS my hand and official seal.  SIGNATURE OF NOTARY  |
| Executed this 19 day of August, 2002.  Regins B. Mueller-Mach   |
| State of A  County of Santa Clara  On August 19 2002 before me, Kimbelly M. Wallace, Notary Public personally appeared Regina B. Mueller - Mach personally known to me as proved to me to the besix of satisfactory evidence to be the personally whose name(X) is(a)(c) subscribed to the within instrument and acknowledged to me that he she/fifty executed the same in his/her/fiftir authorized capacity(i)(i), and that by his/her/fiftir signature of the instrument the necessary of the section was behalf of which the necessary. |
| 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 Converted on # 1254520 Notiny Public - Conformic \$ Santa Clara County  |

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| Executed this                            | O3 day of  | september                                   | 2002.  |
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|  |  |   | Dietrich Bertram   |
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| State of                                 | )<br>)   |   |  |
| County of                                | ) 22.  |   |  |
| On                                       |  | fore me,                                    |  |
| personally appeared                      | ed to me on the ha   | sis of eatisfactory e                       | personally vidence to be the person(s) who   |
| name(s) is(are) subso                    | ribed to the within<br>his/her/their authorstrument the person   | instrument and aci<br>prized capacity(188). | mowledged to me that he/she/th, and that by his/her/their pon behalf of which the person   |
|  |  | WIINESS m                                   | y hand and official seal.  |
|  |  | SIGNATURI                                   | E OF NOTARY  |
| Executed this                            | s OF day of  | September                                   | Thomas Justal Thomas Jucatal Tuestel   |
| State of                                 | )<br>) ss.   |   |  |
| County of                                | )  | fore me,                                    |  |
| personally appeared                      |  |   | personally   |
| name(s) is(are) subsexecuted the same in | cribed to the within his/her/their authors the personant t | n instrument and ac<br>orized capacity(ies) | evidence to be the person(s) when the best of the person (s) which the person to be best of the person to be be best of the person to b |
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|  |  | SIGNATUR                                    | E OF NOTARY  |

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| known to me or proved to me on the basi<br>name(s) is(are) subscribed to the within i<br>executed the same in his/her/their authori    | personally s of satisfactory evidence to be the person(s) whose astrument and acknowledged to me that he/she/they zed capacity(ies), and that by his/her/their (s), or the entity upon behalf of which the person(s) |
|  | WITNESS my hand and official seal.   |
|  | SIGNATURE OF NOTARY  |
| Executed this 3rd day of   | Joachim Opitz  |
| State of   |  |
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|  | WITNESS my hand and official seal.   |
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REEL: 0143299 FRANCE: 0255

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