

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6963268

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE RECEIVING PARTY previously recorded on Reel 052608 Frame 0440. Assignor(s) hereby confirms the THE ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
FREDERIC STEPHANE DIANA	04/14/2020
ERNO FANCSALI	04/15/2020
THIERRY DE SMET	04/21/2020
GREGORY DONALD GUTH	05/05/2020
YOURII MARTYNOV	04/14/2020
OLEG B. SHCHEKIN	04/14/2020
JYOTI BHARDWAJ	04/21/2020
RECEIVING PARTY DATA	
Name:	LUMILEDS HOLDING B.V.
Street Address:	EVERT VAN DE BEEKSTRAAT 1
Internal Address:	THE BASE, TOWER B5 UNIT 107
City:	SCHIPHOL
State/Country:	NETHERLANDS
Postal Code:	1118 CL
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15765678
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	2014P01826US02 087US1
NAME OF SUBMITTER:	ROBIN L. MONSEES
SIGNATURE:	/ ROBIN L. MONSEES /

DATE SIGNED:	10/12/2021
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Total Attachments: 12

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>FREDERIC STEPHANE DIANA</td><td>04/14/2020</td></tr><tr><td>ERNO FANCSALI</td><td>04/15/2020</td></tr><tr><td>THIERRY DE SMET</td><td>04/21/2020</td></tr><tr><td>GREGORY DONALD GUTH</td><td>05/05/2020</td></tr><tr><td>YOURII MARTYNOV</td><td>04/14/2020</td></tr><tr><td>OLEG B. SHCHEKIN</td><td>04/14/2020</td></tr><tr><td>JYOTI BHARDWAJ</td><td>04/21/2020</td></tr></tbody></table>		Name	Execution Date	FREDERIC STEPHANE DIANA	04/14/2020	ERNO FANCSALI	04/15/2020	THIERRY DE SMET	04/21/2020	GREGORY DONALD GUTH	05/05/2020	YOURII MARTYNOV	04/14/2020	OLEG B. SHCHEKIN	04/14/2020	JYOTI BHARDWAJ	04/21/2020
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JYOTI BHARDWAJ	04/21/2020																
RECEIVING PARTY DATA																	
<table><tr><td>Name:</td><td>LUMILEDS LLC</td></tr><tr><td>Street Address:</td><td>370 W TRIMBLE RD</td></tr><tr><td>City:</td><td>SAN JOSE</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95131</td></tr></table>		Name:	LUMILEDS LLC	Street Address:	370 W TRIMBLE RD	City:	SAN JOSE	State/Country:	CALIFORNIA	Postal Code:	95131						
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PATENT

REEL: 057775 FRAME: 0589

CORRESPONDENCE DATA**Fax Number:****Email:** request@slwip.com*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.***Correspondent Name:** SCHWEGMAN LUNDBERG & WOESSNER P.A.**Address Line 1:** P.O. BOX 2938**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402**ATTORNEY DOCKET
NUMBER:**

2014P01826US02 087US1

NAME OF SUBMITTER:

KIMBERLIE PATES

Signature:

/Kimberlie Pates/

Date:

05/08/2020

Total Attachments: 10

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RECEIPT INFORMATION**EPAS ID:** PAT6097564**Receipt Date:** 05/08/2020

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ASSIGNMENT

WHEREAS, Frederic Stephane Diana, Erno Fancsali, Thierry De Smet, Gregory Donald Guth, Yourii Martynov, Oleg B. Shchekin and Jyoti Bhardwaj (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on April 3, 2018, assigned US application serial number 15/765,678, and titled FLIP-CHIP SMT LEDS WITH VARIABLE NUMBER OF EMITTING SURFACES as described in a patent application filed on September 2, 2016 assigned PCT application serial number PCT/US2016/050071, and titled FLIP-CHIP SMT LEDS WITH VARIABLE NUMBER OF EMITTING SURFACES; and as described in a provisional patent application filed on October 7, 2015 assigned United States application serial number 62/238,666, and titled FLIP-CHIP SMT LEDS WITH VARIABLE NUMBER OF EMITTING SURFACES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Lumileds Holding B.V. (the "Assignee"), having a place of business at Evert van de Beekstraat 1, The Base, Tower B5 unit 107, Schipol 1118 CL, Netherlands, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

- the Invention which is disclosed in the above-identified application or applications;
- such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

- all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

- including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

- and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 161449 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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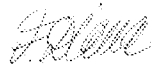
Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature):

/



/

Name: Frederic Stephane Diana

City/State or Country: Santa Clara, CA

Date:

Apr 14, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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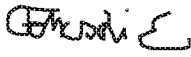
Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature):

/



/

Name: Erno Fancsali

City/State or Country: Heusden-Zolder, Belgium

Date:

Apr 15, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature): / *thierry desmet* /

Name: Thierry De Smet

City/State or Country: N/A

Date: Apr 21, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature): / *Gregory Guth* /

Name: Gregory Donald Guth

City/State or Country: San Jose, CA

Date: May 5, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature):

/



/

Name: Yourii Martynov

City/State or Country: Aachen, Germany

Date:

Apr 14, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

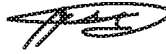
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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature): /



/

Name: Oleg B. Shchekin

City/State or Country: San Francisco, CA

Date: Apr 14, 2020

Assignment

Assignors: Frederic Stephane Diana et al.

Title: FLIP-CHIP SMT LEDs WITH VARIABLE NUMBER OF EMITTING SURFACES

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Docket No: 2014P01826US02 087US1

Client Ref. No. 2014P01826US02

Assignor:

(Signature): / *Jyoti Bhardwaj* /

Name: Jyoti Bhardwaj

City/State or Country: San Jose, CA

Date: Apr 21, 2020