

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CHRISTIAN KLEIJNEN | 09/17/2019 |
| FLORIS MARIA HERMAN SZ CROMPVOETS | 09/17/2019 |
| RALPH HUBERT PETERS | 09/17/2019 |
| MAURICE KUIJPERS | 09/18/2019 |
| ROB BASTIAAN MARIA EINIG | 09/23/2019 |
| RECEIVING PARTY DATA | |
| Name: | LUMILEDS LLC |
| Street Address: | 370 WEST TRIMBLE ROAD |
| City: | SAN JOSE |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 95131 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16468250 |
| CORRESPONDENCE DATA | |
| Fax Number: | (215)568-6499 |
| <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> | |
| Phone: | 215-568-6400 |
| Email: | Lborner@vklaw.com |
| Correspondent Name: | VOLPE AND KOENIG P.C. |
| Address Line 1: | 30 SOUTH 17TH STREET |
| Address Line 2: | SUITE 1800 |
| Address Line 4: | PHILADELPHIA, PENNSYLVANIA 19103 |
| ATTORNEY DOCKET NUMBER: | LUMI-2016P00084US01 |
| NAME OF SUBMITTER: | JOHN C. DONCH JR. |
| SIGNATURE: | /John C. Donch Jr./ |
| DATE SIGNED: | 09/27/2019 |
| Total Attachments: 7 | |

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Atty. Docket No. LUMI-2016P00084US01

ASSIGNMENT

Whereas,

Christian KLEIJNEN
Philipsstrasse 8
52068 Aachen
Germany

Floris Maria Hermansz CROMPVOETS
Philipsstrasse 8
52068 Aachen
Germany

Ralph Hubert PETERS
Philipsstrasse 8
52068 Aachen
Germany

Maurice KUIJPERS
Elektraweg 1
4338 PK Middelburg
Netherlands

Rob Bastiaan Maria EINIG
Philipsstrasse 8
52068 Aachen
Germany

(hereafter jointly and severally referred to as the undersigned), are the inventors of

ARRANGEMENT OF LEDS ON A LEADFRAME

that is the subject of International Application No. PCT/EP2017/081729 for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 16/468,250, filed June 10, 2019.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Lumileds LLC, a Delaware limited liability company, having a place of business at 370 West Trimble Road San Jose, CA 95131, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal

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representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

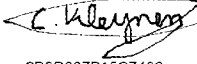
AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

AND if this Agreement is signed electronically (e.g., via DocuSign, Adobe Sign, Hello Sign, electronically drawn, or the like), by signing this Agreement electronically, the undersigned agree that the undersigned's electronic signature is the legal equivalent of the undersigned's manual signature on this Agreement. The undersigned further agree that use of a touch pad, keyboard, key pad, mouse or other device to select a signature item, button, icon or a similar act/action constitutes the undersigned's signature as if manually signed by the undersigned.

Atty. Docket No. LUMI-2016P00084US01

9/17/2019 | 5:18 AM PDT

Date

DocuSigned by:

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Christian KLEIJNEN

Signed at

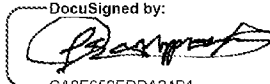
Aachen, Germany

(City and
Country)

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9/17/2019 | 12:10 AM PDT

Date

DocuSigned by:

CA0E659EDDA24D1...
Erika Maria Hermansz CROMPVOETS

Signed at

Aachen, Germany

(City and Country)

Atty. Docket No. LUMI-2016P00084US01

9/17/2019 | 5:58 AM EDT

Date

DocuSigned by:

Ralph Hubert PETERS

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TERS

Signed at

Aachen, Germany

(City and
Country)

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9/18/2019 | 12:09 AM EDT

Date

DocuSigned by:

Maurice KUIJPERS

F71CD103AF3B4A9...

ERS

Signed at

Middelburg, Netherlands

(City and
Country)

Atty. Docket No. LUMI-2016P00084US01

9/23/2019 | 4:27 AM EDT

Date

DocuSigned by:

Rob Bastiaan Maria Elmg

93A58162CBA94F7...

ROB BASTIAAN MARIA ELING

Signed at

Aachen, Germany

(City and
Country)