

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5745347

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAO FANG MO	09/23/2019
YING HUANG	09/23/2019
BAO WANG	09/23/2019
JIMMY XIAO	09/24/2019
SONG YANG	09/23/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUMILEDS HOLDING B.V.
<b>Street Address:</b>	EVERT VAN DE BEEKSTRAAT 1
<b>Internal Address:</b>	THE BASE, TOWER B5 UNIT 107
<b>City:</b>	SCHIPHOL
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1118CL
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29683154
<b>Intl Reg Number:</b>	DM/202828
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	SHARAD K. BIJANKI
<b>SIGNATURE:</b>	/Sharad K. Bijanki/
<b>DATE SIGNED:</b>	09/30/2019
<b>Total Attachments: 8</b>	

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ASSIGNMENT

WHEREAS, I/We the undersigned inventor(s) of residence(s) as listed, have invented certain new and useful improvements as below entitled, for which applications for Design Patents are made, said applications having been designated as set forth on **Schedule A** and filed on or about the dates set forth on **Schedule A**; and

WHEREAS, **LUMILEDS HOLDING B.V.** (hereinafter referred to as "Assignee"), a Dutch corporation,

with an address of: **Evert van de Beekstraat 1  
The Base, Tower B5 unit 107  
1118CL Schiphol  
The Netherlands**

desires to acquire the entire right, title and interest in and to the invention(s), and in and to the said application(s) and any Design Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we assign to Assignee, all right, title and interest in and to said invention(s), including the rights of priority for any previously filed provisional or regular patent applications related to the invention(s) described below, and in and to said application(s) and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I/We authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention(s), or patents resulting therefrom, insofar as my/our interest is concerned, to Assignee.

I/We also assign to Assignee, all right, title and interest in and to the invention(s) disclosed in said application(s) throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention(s) in its own name throughout the world, including the right of priority for any previously filed provisional or regular patent applications related to the invention(s) described below, including all rights to publish cautionary notices reserving ownership of said invention(s) and all rights to register said invention(s) in appropriate registries, together with all rights to sue for past, present, and future infringements or misappropriations of the invention, and I/We further agree to execute any and all

powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee. I/We warrant that, to the best of our knowledge, the rights and property conveyed are free and clear of any encumbrance.

I/We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I/We will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention(s) in all countries.

I/We agree not to subsequently challenge the validity or enforceability of any patents covering said invention, whether administratively, through the courts, or otherwise.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

I/We hereby grant all practitioners with the firm of Seyfarth Shaw LLP (Customer Number 148917), the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any Office around the world for recordation of this document.

The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature of Inventor(s): Xiaofang Mo 莫芳  
Inventor(s) Name: Xiao Fang MO  
Residence (City, Country): Shanghai, China  
Date: 2019. 9. 23

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The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature of Inventor(s): Ying Huang  
Inventor(s) Name: **Ying HUANG**  
Residence (City, Country): Shanghai, China  
Date: SEP 23 2018

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The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature of Inventor(s): Wang Bao Wang  
Inventor(s) Name: Bao WANG  
Residence (City, Country): Shanghai, China  
Date: 2019.09.23

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The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature of Inventor(s): Jimmy Xiao  
Inventor(s) Name: Jimmy XIAO  
Residence (City, Country): Shanghai, China  
Date: 2019.4.24

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The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature of Inventor(s): Song Yang  
Inventor(s) Name: Song YANG  
Residence (City, Country): Shanghai  
Date: 2019-9-23

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**SCHEDULE A**

Country	Application No.	Application Date	Title	Ref. No.
China	201830509614.1	September 11, 2018	LED BULB	2018P00085CN
United States	29/683,154	March 11, 2019	LED BULB	2018P00085US
International (Hague)	WIPO81253	March 11, 2019	LED BULB	2018P00078-79- 80-85WO
Canada (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WOCA
Switzerland (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WOCH
Europe (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WOEM
Japan (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WOJP
Norway (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WONO
Russia (Hague Designation)	* _____	* _____	LED BULB	2018P00078-79- 80-85WORU

ASSIGNMENT

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**PATENT**

**RECORDED: 09/30/2019**

**REEL: 050583 FRAME: 0586**