PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8089191

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
LUMILEDS HOLDING B.V.	09/07/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17873456	

CORRESPONDENCE DATA

Fax Number:

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.

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:	2017P00139US02 139US2	
NAME OF SUBMITTER:	ROBIN L. MONSEES	
SIGNATURE:	/ ROBIN L. MONSEES /	
DATE SIGNED:	08/01/2023	

Total Attachments: 5

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PATENT 508042038 REEL: 064450 FRAME: 0001

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Form PTO-1595 (Rev. 6-18) OMB No. 0651-0027 (exp. 10/31/2024) U.S. Department of Commerce United States Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please reco	ord the attached docum	nents or the new address(es) below.	
1. Name of conveying party(ies):	ame of conveying party(ies): 2. Name and address of receiving party(ies):		
Lumileds Holding B.V.	Name:	Lumileds LLC	
Additional name(s) of conveying party(ies) attached?	Street Address:	370 W Trimble Rd	
[]Yes [X]No	City:	San Jose	
3. Nature of conveyance/Execution Date(s):	State/Province:		
Execution Date(s): September 7, 2021	Zip:	95131	
[X] Assignment [] Merger [] Security Agreement [] Change of Name	Country:	United States of America	
[] Joint Research Agreement [] Government Interest Assignment [] Executive Order 9424, Confirmatory License [] Other	Additional name(s) & address(es) atta \square Yes \square No		
 4. Application number(s) or patent number(s): [] This docu A. Patent Application No.(s) Serial No. 17/873,456 Additional numbers attached? []Yes [X]No 		ath/Declaration (37 CFR 1.63) 3. Patent No.(s)	
Additional numbers attached? [] Fes [A]No			
5. Name and address of party to whom correspondence concerning document should be mailed:		of applications and patents involved: $\underline{1}$ CFR 1.21(h) & 3.41): $\underline{\$0.00}$	
Name: Anthony P. Curtis Address: Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, Minnesota 55402 Phone Number: (612) 373-6900 Docket Number: 2017P00139US02 139US2 Email Address: request@slwip.com	[]Authorized to be charged to deposit account 19-0743 []Enclosed [] None required (government interest not affecting title) 8. Payment Information Deposit Account No.: 19-0743 Authorized User Name: Anthony P. Curtis		
9. Signature:			
Anthony P. Curtis/Reg. No. 46,193 Name of Person Signing	/ Signature	Jul 28, 2023 Date	
Total number of pages including	g cover sheet, attach	ments, and documents: 5	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

DocuSign Envelope ID: 2B66638C-5855-4CFF-9DB9-14D3C6A6E66A

ASSIGNMENT

WHEREAS, Lumileds Holding B.V. an entity organized and existing under and by virtue of

the laws of Netherlands, and having an office and place of business at Evert van de Beekstraat 1,

The Base, Tower B5 unit 107, Schiphol 1118 CL, Netherlands (hereinafter "Assignor"), is the

owner of assets identified in Appendix A (hereinafter collectively "Patent Properties"), including

all inventions and other subject matter described in the Patent Properties;

AND WHEREAS, Lumileds LLC, an entity organized and existing under and by virtue of the

laws of Delaware, United States of America, and having an office and place of business at 370 W

Trimble Rd, San Jose, CA 95131, United States of America (hereinafter "Assignee"), is desirous of

acquiring the entire right, title and interest in and to said Patent Properties, including all

inventions and other subject matter described therein, and any patent to be obtained in relation

therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable

consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor hereby:

ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and

interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including 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 said Patent Properties;

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 said Patent Properties (including any application

for a utility model or an innovation patent application);

the right to claim priority to said Patent Properties in relation to subject matter based in

whole or in part on said Patent Properties and any of the foregoing including the right to file foreign

applications under the provisions of any convention or treaty;

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Attorney Docket No. 2017P00139US01 139US1
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and the right to all causes of action, remedies, and other enforcement rights related to said Patent Properties, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS 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 said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS 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 Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, 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 Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assignor relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

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COVENANTS, 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 assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED to by Assignor as of the Date of the Signature Below:

Assignor:

Lumileds Holding B.V.

Signature:

Printed Name: Matthew John Roney

Title: Chief Executive Officer

Date:

September 7, 2021

ACCEPTED by Assignee as of the Date of the Signature Below:

Assignee:

Lumileds LLC

Signature:

Printed Name: Matthew John Roney

Title: Chief Executive Officer

Assignee:

Lumileds LLC

Signature:

Printed Name: Matthew John Roney

Title: Chief Executive Officer

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Appendix A

Patent/	Application	Title	Filing date
Publication No.	Number		
US 2020/0128640 A1	16/657,475	Method of Driving an Emitter Array	10-18-2019

PATENT REEL: 064450 FRAME: 0006

RECORDED: 08/01/2023