PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6226400

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKATOMO ISOMURA	07/28/2020
ETSUJI OMURA	07/29/2020

RECEIVING PARTY DATA

Name:	KYOTO SEMICONDUCTOR CO., LTD.
Street Address:	307-21, NISHIOTE-CHO, FUSHIMI-KU
City:	KYOTO-SHI, KYOTO
State/Country:	JAPAN
Postal Code:	612-8362

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16959624

CORRESPONDENCE DATA

Fax Number: (212)808-0844

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.

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Email: cbhamburg@norris-law.com

Correspondent Name: C. BRUCE HAMBURG/NORRIS MCLAUGHLIN, P.A.

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ATTORNEY DOCKET NUMBER:	122423-43
NAME OF SUBMITTER:	C. BRUCE HAMBURG
SIGNATURE:	/C. BRUCE HAMBURG/
DATE SIGNED: 07/30/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 506179662 REEL: 053354 FRAME: 0743

Client's Ref.: PNO1705-US

Norris McLaughlin, P.A.

Attorney Docket No.: 122423-43 COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT SEMICONDUCTOR LIGHT RECEIVING ELEMENT Title of Invention As the below named inventor, I hereby declare that: This declaration is directed to: ☑ The above-identified application, or ☑ United States application 16/959,624 July 1, 2020 , filed on PCT application number PCT/2018/003454, filed on February 1, 2018, The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application In consideration of One Dollar (\$1.00) in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby assign and transfer to KYOTO SEMICONDUCTOR CO., LTD., whose address is 307-21, Nishlote-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8362, Japan, a Japanese Corporation (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, title and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof. I hereby authorize and request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee. For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, to execute any and all United States divisional, continuation and renewal applications for said invention, and any and all necessary oaths, supplemental oaths or declarations or supplemental declarations or affidavits relating thereto, and any application for the reissue or extension of any United States Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient. For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof. I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made. I hereby bind myself, my heirs, legal representatives, administrators, and assign properly to execute without further consideration. any and all applications, petitions, oaths, assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment and transfer hereby made, or intended or agreed to be made. And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns. LEGAL NAME OF INVENTOR 7/28/2020 Inventor: Takatomo ISOMURA Signature: J. Lecuna

Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this

form. Use an additional PTO/SB/AIA01 form for each additional inventor,

Norris McLaughlin, P.A.

	Attorney Docket No.: 122423-43
.2	RATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN ICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Title of Invention SEM	IICONDUCTOR LIGHT RECEIVING ELEMENT
As the below named inventor, I	nereby declare that:
This declaration is directed to:	■ The above-identified application, or
	United States application 16/959.624 , filed on July 1, 2020 or
	PCT application number PCT/2018/003454 , filed on February 1, 2018.
The above-identified applicat	ion was made or authorized to be made by me.
I believe that I am the origina	l inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that imprisonment of not more than t	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ive (5) years, or both.
amended by any amendment sp	· · · · · · · · · · · · · · · · · · ·
continuation-in-part applications	disclose information which is material to patentability as defined in 37 CFR 1.56, including further, , material information which became available between the filing date of the prior application and the ng date of the continuation-in-part application
acknowledged, I hereby assign Fushimi-ku, Kyoto-shi, Kyoto representatives and assigns, the said application and to the enti- for Letters Patent, and in any	ar (\$1.00) in hand paid and other good and valuable considerations, the receipt of which is hereby and transfer to KYOTO SEMICONDUCTOR CO., LTD., whose address is 307-21, Nishiote-cho, 612-8362, Japan, a Japanese Corporation (hereinafter named "Assignee"), its successors, legal a entire right, title and interest in and to said invention for Letters Patent of the United States, filed as a right, title and interest in any and all inventions, whether joint or sole, disclosed in said application and all divisional or continuation or renewal applications that may be filed for United States Letters wentions, and in and to any and all patents that may be granted on the foregoing applications and any
I hereby authorize and reque	st the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.
execute any and all United Sta oaths, supplemental oaths or o reissue or extension of any U	reby agree upon the request of said Assignee, its successors, legal representatives or assigns, to ites divisional, continuation and renewal applications for said invention, and any and all necessary declarations or supplemental declarations or affidavits relating thereto, and any application for the Inited States Letters Patent that may be granted upon said application that said Assignee, its is or assigns may deem necessary or expedient.
the event of said application or thereof, becoming involved in representatives or assigns in the support thereof, I hereby agree vest all rights therein hereby co	further agree upon the request of said Assignee, its successors, legal representatives or assigns, in any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue interference, to cooperate to the best of my ability with said Assignee, its successors, legal a matters of preparing and executing the Preliminary Statement and giving and producing evidence in to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and inveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the legioned if this assignment and sale had not been made.
any and all applications, petition	s, legal representatives, administrators, and assign properly to execute without further consideration, is, oaths, assignments or other papers and instruments which may be necessary in order to carry into signment and transfer hereby made, or intended or agreed to be made.
title and interest in said invention successors, legal representative with any and all applications if	I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, in or improvement for any and all foreign countries and agree upon the request of said Assignee, its so or assigns to execute any and all documents that shall be required to be executed in connection or foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all title in said foreign applications and patents in said Assignee, its successors, legal representatives or
LEGAL NAME OF INVENTOR	-77 } 0.00
Inventor: Etsuji OMURA	Date: July 29, 2020
Signature: <u>(12.4)</u>	
	PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this NAO1 form for each additional inventor.

PATENT REEL: 053354 FRAME: 0745

RECORDED: 07/30/2020