PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6171786

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOYA SAEKI	06/22/2020
YASUSHI FUJIMURA	06/22/2020
TORU WATANABE	06/22/2020

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU
City:	OSAKA-SHI
State/Country:	JAPAN
Postal Code:	541-0041

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16957920	

CORRESPONDENCE DATA

Fax Number: (202)639-7890

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.

Phone: 202-639-7700

Email: dcipdocket@bakerbotts.com, sartori.docketing@bakerbotts.com

BAKER BOTTS LLP C/O INTELLECTUAL PROPERT **Correspondent Name:**

Address Line 1: 700 K STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	087143.0779
NAME OF SUBMITTER:	SONIA BANKS
SIGNATURE:	/SoniaBanks/
DATE SIGNED:	06/25/2020

Total Attachments: 3

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> **PATENT** REEL: 053039 FRAME: 0291 506125061

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Name	ž.	Address	
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() Tomoya S.	(EA)	Osaka-shi, Osaka 541-0641 Japan	
	***************************************	6/6 SUMITOMO ELECTRIC INDUST	TRIES, LTD.
2) – Yasushi Fi	UJIMURA	5-33, Kitahama 4-chame, Chao-ku,	
		Osaka-shi, Osaka 541-0941 Japan e/o SUMSTOMO RUBUT RIC (MDUST	THE TOP
3) Toru WAR	EÁNA BK	5-33, Kitahama 4-cheme, Chuc-ku,	rates, LtD,
,,		Osaka-shi, Osaka 541-0041 Japan	
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and executed at otherwise indic		s Patent of the United States of A	America therefor on even date herewith unless
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1):		2. 2.02.2.3.	JENE 22, 2020
Name :	То	moya SAEKI	
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2): 	V	shi PUJIMURA	
Name :	r asu	SHI PUJIWUMA	

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TOTH WATANABE

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ASSIGNMENT

	Application	LEDAN I	
Whereas, I/we,			
Name	Address		
	e/o SUMITOMO ELECTRIC INT	DUSTRIES, LTD.,	
1) Tomoya SAEKI	S-33, Kitahama 4-chume, Chua-ke		
	Osaka shi, Osaka 591-0041 Japan e/o SUMITOMO ELECTRIC INE		
2) Yasushi FUJIMURA	5-33, Kitahama 4-cheme, Chun-ki		
Z) I dodom i Ominiblei	Osaka-shi, Osaka 541-0041 Japan		
	c/o SUMITOMO ELECTRIC INF		
3) Tora WATANABE	5-33, Kitahama 4-chonse, Class-ki Osaka-shi, Osaka 541-0041 Japan		
	240-10-11 Table 1		
hereinafter called assignor(s), have	invented certain improvements	in	
OPTICAL MODULE AND PRO			
and executed an application for Le	sters Patent of the United States	of America therefor on even date here	with unless
otherwise indicated below:			
filed on		crial No.	; and
Whereas	,		
SUMITOMO ELECTRI	ar manustratus i tri		
	ama 4-chome, Choo-ku,		
	Osaka 541-0041 Japan		
		e application and invention, and to an	u United States
	ame ugai, mic sao meresi m m	e appareation and invention, and so an	y Outton Dunes
patents to be obtained therefor;		a sa a s	
NOW THEREFORE, be it I	mown that, for good and valuable	le consideration from assignee, the rea	scipt or which is
hereby acknowledged, I/WE, as as	signor(s), have sold, assigned, to	ransferred, and set over, and do hereby	/ sell, nasign,
transfer, and set over unto the assi	gnee, its lawful successors and a	ssigns, MY/OUR entire right, title, an	d interest in and to
this invention and this application,	, and all divisions, and continuat	ions thereof, and all Letters Patent of t	he United States
which may be granted thereon, and	I all reissues thereof, and I/WE I	hereby authorize and request the Comi	missioner of
		tent for this invention to assignee, its s	successors and
assigns, in accordance with the ter	ms of this Assignment;		
AND, I/WE HEREBY furth	or covenant and agree that I/WF	will, without further consideration, co	ommunicate with
assignee, its successors and assign	s, any facts known to ME/US re	specting this invention and testify in a	my legal
proceeding, sign all lawful papers	when called upon to do so, exec	ute and deliver all papers that may be	necessary or
		accessors and assigns, execute all divis	
continuation, and reissue applicati	ons, make all rightful oaths and	generally do everything possible to aid	d assignee, its
successors and assigns, to obtain a	and enforce proper patent protect	tion for this invention in the United Sta	ates, it being
understood that any expense incid	ent to the execution of such pape	ers shall be borne by the assignee, its s	successors and
		umber is not known at the time this As	
executed. I/WE hereby grant perm	ission to the attorneys of record	in the patent application to fill in the i	filing date and/or
serial number above, and to record	I this Assignment after such info	rmation is added.	•
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	INVENTORS	DATE SIG	NFD
	MYLIVIONS	503 X A 50 104 No.	LTAPAP.
15.			
1):	The CATTER		·····
Name:	Tomoya SAEKI	_	
2. (h.	1) Fill	June 22,	200700
2):	du tallmura	- Variety	
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Page 1 of 1

Toru WATANABE

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2) Yamshi FUJMURA 53. Toru WATANABE 53. Indiana shows (Smissia, Outcode, Charles, Outcode, Charles, Charles, Outcode, Charles,		EKI	5-33, Kitahama 4-chonse, Chuo-ku,	nes, lto,	
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benefinaffer called assignor(s), have invented certain improvements in OPTICAL MODULE AND PROCESS OF ASSEMBLING THE SAME and executed an application for Letters Patent of the United States of America therefor on even date herewith unless oftenwise indicated below: filed on , Serial No. ; and Whereas SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, Kitahama 4-chome, Chuo-ku, Caska-shi, Osaka-shi, Osaka 541-0941 Japan (assignos), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, LWE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all rissues thereof, and IWE hereby autionize and request the Commissioner of Patents and Trademarks of the United Status to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, LWE HEREBY further covenant and agree that LWE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to MF/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that all divisions and continuation, and reissue applications, make all rightful onliss and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assigne, its successors	3) Toru WAT	ANABE	c/o SUMITOMO ELECTRIC INDUSTE S-33, Kitshama 4-chone, Chno-ku,	, 0T.1, 2313	
otherwise indicated below: filed on , Serial No. ; and Whereas SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan (assignes), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as easignor(s), have seld, assigned, transferred, and set over, and do hereby sell, assign, annafer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and this invention and this application, and all divisions, and continuations thereof, and all Leitzer Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, can all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, continuation, and reissue applications, make all rightful ouths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and in the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WB hereby grant permission to the attentions of such papers shall be borne by the assignee, its successors and in			ented certain improvements in	AME	
Whereas SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan (assignes), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(a), have seld, assigned, transferred, and set over and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be greated thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further coasideration, communicate with assignee, its successors and assigns, any facts known to MF/US respecting this invention and testify in any logal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and in the event that the patent application filling date or serial number is not known at the time this Assignment is executed, I			s Patent of the United States of A	merica therefor on even date he	rewith unless
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NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, ransfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HERBBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to MF/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or less induces of the title to this invention in said assignee, its successors and assigns, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added. INVENTORS DATE SIGNED Name: Yasushi FUJIMURA			e ingress to the and moreous to the up	Salder Color State	,
1) : Name : Tomoya SAEKI 2) : Name : Yasushi FUBMURA	nereby acknowle ransfer, and set this invention as which may be greatents and Tradustigns, in accordance, its successful to the continuation, and anderstood that in the every and a second of the continuation of the continuatio	edged, I/WE, as assigned over unto the assigned of this application, and all lemarks of the United dance with the terms of HEREBY further cossors and assigns, as all lawful papers who det the title to this invide the title to this invide reissue applications, assigns, to obtain and camp expense incident that the patent applications that the patent applications of that the patent applications of that the patent applications of the title to the title to the title to this invident to the title to this invident to the patent applications of the title patent a	non(s), have sold, assigned, transfigured, its lawful successors and assign I all divisions, and continuations reissues thereof; and I/WE herefy States to issue all Letters Patent for this Assignment; ovenant and agree that I/WE will my facts known to MF/US respective called upon to do so, execute a cention in said assignee, its success, make all rightful oaths and gene conforce proper patent projection it to the execution of such papers shication filing date or serial numbers to the attorneys of record in the	erred, and set over, and do here as, MY/OUR entire right, title, a thereof, and all Letters Patent on y authorize and request the Cosfor this invention to assignee, it is invention and testify in add deliver all papers that may be sors and assigns, execute all diversity do everything possible to a for this invention in the United Small be borne by the assignee, it is not known at the time this are patent application to fill in the	by sell, assign, and interest in and to fine United States missioner of a successors and communicate with a any legal per necessary or visional, aid assignee, its States, it being a successors and Assignment is
Name : Tomoya SAEKI 2) : Yasushi FUBMURA		11	<u>IVENTORS</u>	DATE SIG	<u>GNED</u>
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				Tune 22	2020

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261).

Page 1 of 1

Toru WATANABE

Name :