505781715 11/19/2019

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIAKI IWAGUCHI	10/07/2019
HARUKI OKUYAMA	10/13/2019
TAKASHI FUJII	10/07/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16583425

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 202262-0214-00-US-593464

NAME OF SUBMITTER: JAMES R. CARPENTER

SIGNATURE: /James R. Carpenter/

DATE SIGNED: 11/19/2019

Total Attachments: 2

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	Name	Addr	<u>cas</u>		
		e/o SUMITIOMO ELECTR	C INDUSTRIES, LTD.,		
1.)	Noriaki IWAGUCHI	5-33, Kitahama 4-chome, C	huo-ka,		
		Osoka-shi, Osaka 541-0041			
-58	ST	e/o SUMITOMO ELECTR			
2)	Haruki OKUYAMA	5-33, Kitahama 4-chome, C Osaka-shi, Osaka 541-0041			
		c/o SUMITOMO ELECTR			
3)	Takashi FUJII	5-33, Kitahama 4-chome, C			
· /:		Osaka-shi, Osaka 541-8041	Јаран	H	
hers	einafter called assignor(s), have	invented certain improveme	nis in		
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ATRE	STONE DISTRIBUTORISCE	Kan to Ga a Locked Kanada			
and	executed an application for Let	ters Patent of the United Sta	tes of America theref	or on even date herewith u	nless otherwise
	caled below:				
	filed on Se	eptember 26, 2019	Serial No.	16/583425	, and
	Whereas		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**************************************	
	SUMITOMO ELECTRI	IC INDUSTRIES TO			
		iama 4-chome, Chuo-ku,			
		Osaka 541-0041 Japan			
				V	. b W i
	signee), desires to acquire the cr	atire right, title and interest i	n the application and	invention, and to any Unite	ed States
pate	ents to be obtained therefor;				
	NOW THEREFORE, be it k	nown that, for good and val-	mble consideration fr	om assignee, the receipt o	f which is
her	eby acknowledged, I/WE, as as:	signor(s), have sold, assigne	d, transferred, and se	t over, and do hereby sell, a	issign, transfer,
and	set over unto the assignee, its l	awful successors and assign	s, MY/OUR entire ri	ght, title, and interest in and	d to this
inv	ention and this application, and	all divisions, and continuation	ons thereof, and all L	etters Patent of the United :	States which
1371511	y be granted thereon, and all rei	ssues thereof and I/WE here	by authorize and req	mest the Commissioner of I	Patents and
Tro	demarks of the United States to	sissue all Letters Patent for t	his invention to assig	nce, its successors and assi	igns, in
	ordence with the terms of this A				¥
ERC.C.			and the same of the same of	San san san s	* Sill Goldsta
	AND, INVEHEREBY forth	er covenant and agree that I/	WE will, without hu	ther consideration, commun	nicate with
865	ignee, its successors and assign	s, any facts known to ME/U	s respecting this inve	intion and testify in any legi	al proceeding,
sign	n all lawful papers when called	upon to do so, execute and d	eliver all papers that	may be necessary or desire	ible to perfect
the	title to this invention in said as	signee, its successors and as	signs, execute all divi	isional, continuation, and re	eisgue
apr	dications, make all rightful oath	is and generally do everythin	g possible to aid assi	gnee, its successors and as	signs, to obtain
anc	l enforce proper patent protection	on for this invention in the U	nited States, it being	understood that any expens	se incident to the
exe	ecution of such papers shall be l	oome by the assignee, its suc	cessors and assigns.	, .	
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abo	ove, and to record this Assignment	ent after such untormation is	agged.		
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		INVENTORS		DATE SIGNE	\mathbf{D}_{i}
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1)	: Nonos	hi duagnoti		Worden 1, 201	<i>t</i>
	me:	Noriaki IWAGUCHI			
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2)	·•				
	une :	Haruki OKUYAMA	hairman ann an	**************************************	
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3)		Takashi FUJII	,	4 C 1 V C 1 1 C C	
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Whereas, I/v	ve,						
N	aine	Add	ress				
1) Noriak	LIWAGUCHI	5-33, Kitahama 4-chome,	c/o.SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitabania 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan				
2) Haruki	OKUYAMA	and the second of the second o	e/o SUMITOMO BLECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku,				
3) Takash	i FUII	S-33, Kitahama 4-chome,	e/o SUMITCMO BLECTRIC RIDUSTRIBS, LTD., 5-33, Kilahama 4-chome, Chun-ku, Osaka-shi, Osaka 5-11-0041 Japan				
		have invented certain improvem CTURING OPTICAL BIBER			ţ		
and executed		or Letters Patent of the United Sta	ates of America therefo	ốr on even date herewith u	iless officrwise		
	filed on	September 26, 2019	, Serial No.	16/583425	; and		
(assignee), d	5-33, Osak lesires to acquire	CTRIC INDUSTRIES, LTD. Kitahama 4-chome, Chuo-ku, a-shi, Osaka 541-0041 Japan the entire right, title and interest:	in the application and	invention, and to any Unite	d States		
patents to be	e obtained therefo	vi.					
and set over invention an may be gran Trademarks	unto the assigned d this application ted thereon, and of the United Sta	as assignor(s), have sold, assigne s, its lawful successors and assign i, and all divisions, and continuati all reissues thereof; and I/WE her ites to issue all Letters Patent for t this Assignment;	s, MY/OUR entire rig ons thereof, and all Le eby authorize and requ	ht, title, and interest in and iters Patent of the United S lest the Commissioner of P	to this states which atents and		
assignee, its sign all lawf the title to th applications and enforce	successors and a ful papers when c is invention in se , make all rightfu proper palent pro	further covenant and agree that Lissigns, any facts known to ME/U alled upon to do so, execute and a sid assignee, its successors and as I oaths and generally do everythin tection for this invention in the U I be borne by the assignee, its suc	S respecting this invented in the second of	nion and testify in any lega nay be necessary or desira- ional, continuation; and re- nee, its successors and ass	I proceeding, ble to perfect ssue igns, to obtain		
I/WE hereby	grant permission	tent application filing date or serie a to the attorneys of record in the ignment after such information is	patent application to fi				
		INVENTORS		DATE SIGNEI	<u> </u>		
1): Name:	***************************************	Noriaki IWAGUCHI			or nicouronneusensensensensensense		
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2):	GOV	イグライー じめん イルベス あいべし		1 10 1 - 1 - 1 - 1 - 2	2010		
Name:	***************************************	chi Obiyoma Haruki OKUYAMA		October 13	2019		

(Legalization not required for recording but is prima facte evidence of execution under 35 U.S.C. PATENT
Page 1 of 1

Takashi FUJII

RECORDED: 11/19/2019

Name: