504568097 09/27/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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KAZUYUKI SOHMA	09/27/2017
KENSAKU SHIMADA	09/27/2017

RECEIVING PARTY DATA

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State/Country:	JAPAN	
Postal Code:	541-0041	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15717016

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ATTORNEY DOCKET NUMBER: 202262-0146-00-US NAME OF SUBMITTER: PETER J. SISTARE SIGNATURE: /Peter J. Sistare/ **DATE SIGNED:** 09/27/2017

Total Attachments: 1

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PATENT REEL: 043715 FRAME: 0454

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		HOOTOTATATETA	<u> </u>	
Whereas,	I/we,			
	Name ·	Address		
		c/o Yokohama Works of Sumitomo Electric	York and the Ward	
1) Yuya	HOMMA	1, Taya-cho, Sakac-ku,	s moustres, 1.m.,	
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2) Kazu	ryuki SOHMA	1, Taya-cho, Sakae-ku,	. ,	
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 Kens 	olm CETRAATIA	c/o Yokohama Works of Sumitomo Electric	Industries, Ltd.,	
J Kons	aku SHIMADA	1, Taya-oho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan		
hereinafter	r called assignor(s), have inve	ented certain improvements in		
OPTICAL		*		
			•	
and execut	ed an application for Letters	Potent of the Tryitad States of America	a therefor on even date herewith unless otherwise	
indicated b	selour	. arear of the Officer States of Americ	a mereror on even date herewith unless otherwise	
masacoc c				
	filed on	, Serial Ne	o. ; and	
Whe	reas			
	SUMITOMO ELECTRIC IN	DUSTRIES, LTD.		
	.5-33, Kitahama	4-chome, Chuo-ku,		
		a 541-0041 Japan		
(vanionas)			e av .	
tassignes),	contest to acquire the entire	ight, title and interest in the applicati	ion and invention, and to any United States	
	pe obtained therefor;			
МОЛ	V THEREFORE, be it known	that, for good and valuable consider	ation from assignee, the receipt of which is	
hereby ack	nowledged, I/WE, as assignor	(s), have sold, assigned, transferred	and set over, and do hereby sell, assign, transfer,	
and set ove	r unto the assignee, its lawful	SICCESSORS and assigns MV/OTIR e	atire right, title, and interest in and to this	
invention a	nd this application and all di	Distance and continuations the f	dole light, the, and interest in and to this	
mny be ere	nted thereon and all mississes	visions, and continuations thereof, an	d all Letters Patent of the United States which	
The Jan 1 de	and thereon, and an reissues	increor, and I'WE hereby authorize a	md request the Commissioner of Patents and	
1 rademark	s of the United States to issue	all Letters Patent for this invention to	o assignee, its successors and assigns, in	
accordance	with the terms of this Assign	ment;		
AND	D. I/WE HEREBY further cou	enant and cores that T/W/C will with	out further consideration, communicate with	
accimea it	g evicaged and assigns and	forth the agree that I we will, wind	our further consideration, communicate with	
assignee, it	s saccessers and assigns, any	lacts known to ME/US respecting the	is invention and testify in any legal proceeding,	
sign an law	rui papers when called upon	to do so, execute and deliver all paper	rs that may be necessary or desirable to perfect	
the title to t	his invention in said assignee	, its successors and assigns, execute a	all divisional continuation and reisone	
applications	s, make all rightful oaths and	generally do everything possible to ai	id assignce, its specessors 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	f such papers shall be borne t	by the assignee, its successors and ass	sione	
III III	event mat me patent applica	on filing date or senal number is no	t 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	er such information is added,		
	NAT.	/ENTORS	The A Printer Comments	
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1):	gruga	Homma	4/27/201/	
Name:	/ Yny	HOMMA		
	5	- 0	0 ("	
2):	Konnelo	s Ih.	9/27/2017	
Name:	Kann	uki SOHMA		
	ixaciiy	HELD OTHALL		
3) :	W. 1	01 1	9/27/2017	
	- Kensaku S		1/2//201/	
Name:	Kensak	u SHIMADA '	,	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261) Page 1 of 1

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RECORDED: 09/27/2017