504521656 08/28/2017

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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RECEIVING PARTY DATA

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Property Type	Number	
Application Number:	15687699	

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DATE SIGNED:	08/28/2017

Total Attachments: 1

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PATENT REEL: 043420 FRAME: 0674

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U.S. ASSIGNMENT

inventor(s) (hereina	ATION of the sum of One Dollar after, "ASSIGNOR") by address(es) of ASSIGNEE(S))	(\$1.00), a	nd of other good and valuable o	consideration paid to the undersigned
Kabushiki Ka	isha Toshiba			
1-1, Shibaura	a 1-chome, Minato-ku, To			
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	,			
	NEE"), the receipt of which is here and exclusive right, title and inte			OR hereby sells, assigns and transfers to
	IVING DEVICE AND PHO	OTO-DE	TECTION APPARATUS	WITH SUCH
relating to Internation			_ and/or for which application for	Letters Patent of the United States was
(a) executed on			(Insert date of execution of appli	cation, if not concurrent)
(b) filed on	August 28, 2017			
Serial No.	15 / 687,699	;	Assignee's attorney is hereby data, when known.	cauthorized to insert in (b) the specified
substitute, reissue or including any extension. The ASSIGNOR which the ASSIGNE including in the prepareexamination, or pul acts to include but no	reexamination application based the consthereof (collectively, hereinafungree(s), when requested by said A E may deem necessary, desirable caration and prosecution of said appolic use proceeding, and in any litiguity.	nereon, for the fer, "said approved as a said approved as a said approved as a said as	the full term or terms for which the inplication(s) and Letters Patent(s)" and without charge to but at the ext, for securing, maintaining and entend the issuance of said Letters Pater legal proceeding which may ari	ny continuation, division, renewal, said Letters Patent(s) may be granted and ).  spense of said ASSIGNEE, to do all acts forcing protection for said invention, tent(s), in any interference, reissue, se or be declared in relation to same, such ions, taking all rightful oaths, providing
IN WITNESS WE	EREOF, the undersigned invento	of a) has the	ua) affivad his/har/thair aignatura/	a)
	i Kohubun		Koichi KOKUBUN	august 21, 2019
~ <u>.</u>	(Signature)		(Type Name)	(Date)
2)				
	(Signature)		(Type Name)	(Date)
3)	(Signature)	***************************************	(Type Name)	(Date)
4)	(Signature)		(Type Name)	(Date)

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PATENT REEL: 043420 FRAME: 0675