503987903 09/01/2016

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	

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Name	Execution Date
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HIROKAZU BANNO	07/15/2016

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15227055		

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DATE SIGNED:	09/01/2016

Total Attachments: 1

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PATENT 503987903 REEL: 039614 FRAME: 0325

ASSIGNMENT

		(1)	Satoshi W	ATANABE		(5)	···		
(1-8) insert Name(s) of Inventor(s)	(2)	Hirokazu	BANNO		(6)				
	(3)				(7)				
		(4)				(8)			
						ollar (\$1.00) and other god e(s) to assign, and hereby	d and valuable consid	erations paid to each of	
(9)	insert Name of Assignee	(9)	BROTHE	BROTHER KOGYO KABUSHIKI KAISHA					
(10) Insert Address of Assignee	(10)	15-1 Naes	15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan						
			defined in a	35 U.S.C. §100, i onal, divisional,	n the invel	ee) the entire right, title and ntion, and in all application ion, substitute, and reis on certificates that may be g	is for patent including sue application(s), ar	any and all provisional, nd all Letters Patent,	
(11)	Insert Identification	(11)	SERVER TRANSMITTING DEVICE INFORMATION ASSIGNED TO SERVICE						
	of Invention such as Title, Case	,	IDENTIF	ICATION INFO	RMATIO	in			
N	Number, or Foreign Application Number		(Attorney	Docket No.					
			for which th	e undersigned h	as (have) e	executed an application for	patent in the United St	ates of America	
(12)	Insert Date of Signing of Application	(12)	on _	Jul.	15, 2	2016			
(13)	Alternative	(13)	U.S. applic	ation Serial Num	ber		***************************************		
	identification for filed applications		filed						
patents application Assigner claims of reexamiliants of the same claims of the same claim	ons for the invention, as the Assignees may 2) The undersignees on or centinuation of e in every way possib 3) The undersigneer provisions of the Int 4) The undersigneer ation a grant of a value 5) The undersigneesulting from said appropriate int in the convey the entire int in the convey the undersigneesulting from said appropriate in the convey the entire int int in the convey the encessary or int.	and and and and agreed division of agreematical division of agreematica	ny patent(s) in necessary. (s) to exect on thereof, obtaining evide(s) to execute Conventive(s) to perfect States proy authorize en(s) to the sherein assignoy grant(s) the sherein area.	ssuing thereon, a te all papers nec or any patent or ence and going foute all papers at ion for Protection form all affirmatifatent to the Assig (s) and request(s) aid Assignee, as ned, and that he to comply with the	end also to reissue a orward with nd docume of Industri ve acts we nee. b) the Com Assignee has (they or & Witco	ents and perform any act ial Property or similar agree hich may be necessary to missioner of Patents to is of the entire interest, and to have) not executed, and off, LTD the power to inse the United States Patent	nents in connection with a connection with a connection, and which may be necessments. The control of the invention, and all Letter hereby covenants that will not execute, any and all the control of the country of the control of th	h such applications and declared concerning any to cooperate with the sary in connection with confirm by reissue or a Patents of the United the has (they have) full agreements in conflict any further identification	
						s) opposite the undersign		(C) 372 2.1 3	
Date	<u>Jul.</u> 1	·) /	20/0	. Name of	inventor	Satoshi Satoshi WATANABE Hirda 34 Hirokazu BANNO	varmate	(SEAL)	
Date	<u>J., 1. 1</u>	5	2016	Name of	Inventor	Hirokazu BANNO	Barras	(SEAL)	
Date	3			Name of	Inventor			(SEAL)	
Date)		nn na n	. Name of	Inventor			(SEAL)	
Date				Name of	Inventor			(SEAL)	
Date	3			Name of	Inventor		**************************************	(SEAL)	

PATENT REEL: 039614 FRAME: 0326

RECORDED: 09/01/2016