504997792 07/11/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5044540 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
NAO ITABASHI	08/09/2012		
NAOYA KAMIMURA	08/09/2012		
RYUYA YAMAZAKI	08/09/2012		
HIDESHI NISHIYAMA	08/09/2012		

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PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	16032135					

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SIGNATURE: /Chunhsi Andy Mu/

DATE SIGNED: 07/11/2018

Total Attachments: 1

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PATENT REEL: 046315 FRAME: 0867

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ASSIGNMENT

		(1)	Nao ITA	BAŞHI		(5)					
(1-8) Insert Name(s) of Invento	Insert	(2)	Naoya K	AMIMURA							
	Name(s) of Inventor(s)	(3)		'AMAZAKI							
		(4)		NISHIYAMA							
				ideration of the sum signed, the undersig		ır (\$1.00) and d	other good	and value	ble conside	erations	paid to each o
(9)	Insert Name of Assignee	(9)	BROTHE	ER KOGYO KABU	JSHIKI KA	ISHA					
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan								
(11)	Insert Identification of Invention	(11)	defined in non-provisi extensions	er designated as the 35 U.S.C. §100, in sional, divisional, c s, reissues and reex	the invention continuation, amination co	n, and in all ap substitute, a ertificates that r	pplications and reiss may be gr	s for patent ue applica anted on th	t including ation(s), ar ne invention	any and nd all L n known	l all provisional, Letters Patent, as
	such as Title, Case		HAVING	THE SAME							
	Number, or Foreign Application Numbe		(Attorney	Docket No.)
			for which th	he undersigned has	(have) exec	cuted an applica	ation for p	atent in the	United St	ates of A	\merica
(12)	Insert Date of Signing of Application	(12)	on _		Aug.	9, 20	12		•		
(13)	Alternative	(13)	U.S. applic	cation Serial Numbe	er <u>13</u>	3/599 , 33	35				
	Identification for filed applications		filed _	August	30, 2	2012					
patents applicati Assigne claims o reexami States re right to herewith	6) The undersigned ay be necessary or d	and ar deem agree division agreemation agreemation deem deem agreemation agree	ny patent(s) in necessary. (s) to exect on thereof, intaining evide(s) to exect nal Convent re(s) to perfect States parts of the share in assign or grant(s) to the share in assign or grant(s) the share in a share in the share in	issuing thereon, and the all papers necessor any patent or redence and going for cute all papers and titon for Protection of form all affirmative attent to the Assignee (s) and request(s) said Assignee, as Alghed, and that he had the firm of Banner	d also to existed also to existed application of the commission of	ecute separate nection with ar cation based to ch interference and perform Property or simi may be nec- asioner of Pate the entire intere ve) not execut TD the power	assignments assignments assignments as any act which are agreed essary to the state of the state	ents in consents in consents in consents which may nents. obtain, mue any and ereby coverwill not execute this as	nection with n may be dention, and be necess naintain or d all Letters mants that ecute, any signment a	h such aldeclared of to coopsary in coopsary further agreement further agreement further coopsary	pplications and concerning any perate with the connection with by reissue or ts of the United (they have) full ents in conflict per identification
docume	nt. In witness whereof,	eyeci	ited hythe	undersigned on #	ne date(s) o	nnosite the un	idersiane	d name(s)	i_		
Date				Name of In							(SEAL)
D. f.	A.a	a	. 2017)N		Nao II ABASHI	, Ma	tam	MANO		(CEAL)

Name of Inventor

Ryuya YAMAZAKI

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PATENT REEL: 046315 FRAME: 0868

RECORDED: 07/11/2018