504982585 06/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

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Name	Execution Date
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MAREYUKI MURATA	06/25/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	16021435			

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NAME OF SUBMITTER:	GARY D. FEDOROCHKO
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DATE SIGNED:	06/28/2018

Total Attachments: 1

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PATENT 504982585 REEL: 046230 FRAME: 0780

2017-00706US00/57UP01

ASSIGNMENT

		(1)	Yoshito H	OSOMIZO	(5)	TO THE
(1-8)	Insert	(2)	***************************************	MURATA	_	6)	
Name	Name(s) of Inventor(s)			NO. VIII		7)	
		(4)				8)	
			in considerat	lion of the sum of one doll	lar (\$1.00) a	nd other good and valuable considera gn, and hereby does assign, transfer o	tions paid to each
(9)	Insert Name of Assignee	(9)	BROTHER	KOGYO KABUSHIKI	KAISHA		~~~~~~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~
(10)	Insert Address of Assignee	(10)	15-1 Naesi	hiro-cho, Mizuho-ku, N	agoya, Aic	- 107 0574 i	·····
		Ç	defined in 35 U non-provisiona extensions, rei	I.S.C. §100, in the invention I, divisional, continuation ssues and reexamination	on, and in all n, substitute cértificates l	ght, title and interest for the United Sta applications for patent including any a , and reissue application(s), and a hat may be granted on the invention k	and all provisional, all Letters Patent, anown as
(11)	Insert Identification	(11)	Informatio	on Processing Appa	ratus, and	Non-Transitory Computer-Re	eadable
	of Invention such as Title, Case		Medium 9	Storing Instructions	Therefor		
	Number, or Foreig Application Numb	er				AAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
		1	for which the u	ndersigned has (have) ex	ecuted an a	pplication for patent in the United Stat	es of America
(12)	insert Date of Signing of Application	(12)	on	Jun. 25,20/	8	,	
(13)	Alternative identification for filed applications	(13)	U.S. application				
and pate any appl Assigned claims o eexamil States m right to merewith	ons for the invention, onts as the Assignees 2) The undersigned ication or continuation is in every way possible in every way possible in the undersigned or provisions of the Interest in the undersigned in the undersigned is in the undersigned is in the undersigned is interest. 5) The undersigned is utilities from said applications from said applications of the undersigned in the undersig	and any de agree(or divi e in obli agree(rnation agree d Unite hereby loation; rest he hereby esirable	y patent(s) issisem necessary s) to execute sion thereof, of taining evident al Convention (s) to perform d States pater authorize(s) a (s) to the said rein assigned, y grant(s) the fi e in order to o	uing thereon, and also to to to all papers necessary in a rany patent or reissue at rany patent or reissue at all papers and document for Protection of Industria all affirmative acts which to the Assignee. and request(s) the Comm Assignee, as Assignee of and that he has (they he irm of Banner & Witcoff, omply with the rules of the total papers.	execute sep- connection was population bates and performance of the performance of the entire in ave) not execute the policy of the entire in ave) not execute the performance united States of the entire of the entire in ave) and the performance united States of the entire of the performance united States of the entire of the performance united States of the entire	rm any act which may be necessary r similar agreements. necessary to obtain, maintain or con- ratents to issue any and all Letters Pa- terest, and hereby covenants that he is acuted, and will not execute, any agre- wer to insert on this assignment any fra ates Patent and Trademark Office for	eclared concerning cooperate with the in connection with firm by reissue or tents of the United has (they have) full elements in conflict urther identification
	in witness whereof,	execu	ted by the un	dersigned on the date(s) opposite t	he undersigned name(s).	
Da	te Jun.	<u> 25,</u>	20/8	Name of Inventor	<u>Yosh</u> Yoshita	ito Hosomigo Hosomizo Eyuki Muvata KMURATA	(SEAL)
Da	te Jun.	≥5	,2018	Name of Inventor	Marey.	eyuki <u>Murata</u> IKMURATA	(SEAL)
Da	te						
Da	ite			Name of Inventor			(SEAL)

PATENT REEL: 046230 FRAME: 0781

Name of Inventor _____ (SEAL)

RECORDED: 06/28/2018