PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
SHOUGO SATO	01/13/2015	

RECEIVING PARTY DATA

Name:	ame: BROTHER KOGYO KABUSHIKI KAISHA		
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15897937		

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NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	02/15/2018

Total Attachments: 1

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PATENT 504780583 REEL: 044946 FRAME: 0493

ASSIGNMENT

		(1)	Shougo SAT	0	(5)	ATTERNATION OF THE PROPERTY OF	*************
(1-8) Insert Name(s) of Inventor(s)		(2)	**************************************		(6)		
		(3)			(7)		
		(4)					
			In consider each of the und	ration of the sum of one ersigned, the undersign	e dollar (\$1.00) and othe	er good and valuable cor nd hereby does assign, tr	nsiderations paid to
(9)	insert Name of Assignee	(9)	BROTHER K	OGYO KABUSHIKI	KAISHA		
(10) Insert Address of Assignee			15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan				
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of Ame as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Lett Patent, extensions, reissues and reexamination certificates that may be granted on the invention known				cluding any and all n(s), and all Letters
(11) Insert Identification of Invention			IMAGE FOR	MING APPARATUS			
	Number, or Foreig Application Number	n	(Attorney Dock				
			for which the ur	ndersigned has (have) e	xecuted an application fo	or patent in the United St	ates of America
(12)	Insert Date of Signing of Application	(12)	on	Jan.	13,20/5		
(13)	Alternative Identification for filed applications	(13)	U.S. application	n Serial Number			
application any application any application applicatio	ions and patents as the 2). The undersigned dication or continuation are in every way possit as the undersigned or provisions of the Info. 4) The undersigned introduced in a grant of a varietion a grant of a varietion from said application convey the entire interest. 6) The undersigned in the undersigned interest in the undersigned interest in the undersigned interest in the undersigned interest in the undersigned in the unde	ne Ass d agre n or di ole in o d agre cernatio d agre did Uni d here plicatio interes d here	ignees may deer e(s) to execute a vision thereof, or obtaining evidence e(s) to execute a onal Convention for e(s) to perform ted States patent by authorize(s) a on(s) to the said of the therein assigned	in necessary. Il papers necessary in any patent or reissue a e and going forward with all papers and documer for Protection of Industrial affirmative acts while to the Assignee. Ind request(s) the Commassignee, as Assignee d, and that he has (they m of Banner & Witcoff	connection with any interpolication based thereon a such interference, at and perform any act al Property or similar agrich may be necessary to inssioner of Patents to is of the entire interest, and have) not executed, and LTD the power to insert	errate assignments in conference which may be on for the invention, and to which may be necessary reements. To obtain, maintain or consue any and all Letters Find hereby covenants that it will not execute, any agott on this assignment any and Trademark Office for	declared concerning occoperate with the y in connection with infirm by reissue or Patents of the United he has (they have) reements in conflict further identification
	In witness whereof	, exec	uted by the und	ersigned on the date(s) opposite the undersi	gned name(s).	
Date	, Jan.	13,	20/5	Name of Inventor	Shougo SATO	Sato	(SEAL)
Date	e			Name of Inventor			(SEAL)
Dat	6			Name of Inventor			(SEAL)
Date	9		n	Name of Inventor	***************************************	- United States	(SEAL)
Dat	e			Name of Inventor			(SEAL)
Date	ė			Name of Inventor			(SEAL)

PATENT REEL: 044946 FRAME: 0494

RECORDED: 02/15/2018