PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
JUNICHI YOKOI	03/17/2015	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15896853		

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NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	02/15/2018

Total Attachments: 1

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PATENT REEL: 045347 FRAME: 0140 504780051

ASSIGNMENT

		(1)	Junichi Y(OKOI	(5)		
(1-8) Insert Name(s) of Inventor(s)		(2)				HIPCHIA AND AND AND AND AND AND AND AND AND AN	
		(3)					
		(4)					
			In conseach of the over to	ideration of the sum of undersigned, the und	f one dollar (\$1.00) and	other good and valuable consign, and hereby does assign,	iderations paid to
(9)	Insert Name of Assignee	(9)	BROTHE	R KOGYO KABUSH	KI KAISHA		
(10)	Insert Address of Assignee	(10)	BROTHER KOGYO KABUSHIKI KAISHA 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Alchi-ken, 467-8561 Japan				
(11)	Insert	(11)	as defined provisional, Patent, exte	in 35 U.S.C. §100, in non-provisional, divisio	the invention, and in a onal, continuation, substi examination certificates	le and interest for the United S Il applications for patent inclu- itute, and reissue application(s that may be granted on the inc	iding any and all s), and all Letters
	identification of invention	V 12	***************************************				**************************************
such as Title, Case Number, or Foreign Application Number			(Attorney C	Oocket No.)
			for which th	e undersigned has (har	e) executed an applicati	on for patent in the United Stat	es of America
(12)	Insert Date of Signing of Application	(12)	on	March 17, 2	· · · · · · · · · · · · · · · · · · ·	e-t	***************************************
(13)	Alternative	(13)	U.S. applic	J.S. application Serial Number		15/896,853	
Identification for filed applications			filed		February 14, 2		**************************************
applicati any appl Assigne claims o reexami States in full right herewith identifica	applications for the in ons and patents as the case of the undersigned ication or continuation in every way possible or provisions of the Intervisions of the Intervision a grant of a valid 5). The undersigned esulting from said approximation of the undersigned attorn which may be in ion of this document.	ventice Assistance or direction agreed Unit heretallication agreed Unit heretallicatio	in, and any ignees may of gnees may of islo to execu- rision thereof obtaining evide e(s) to execu- nal Convential e(s) to perforal ed States parally authorize(s) in the state and the state therein assign e(s) grant(s) any or desiral gnees may be any or desiral gnees may be any or desiral gnees may be any or desiral gnees may be gnees any or desiral gnees any or desiral gnees gnee	patent(s) issuing there leem necessary. Ite all papers necessary, ite all papers necessary, or any patent or reiss ance and going forward to all papers and docution for Protection of Indian all affirmative acts tent to the Assignee. It is and request(s) the Cald Assignee, as Assigned, and that he has (the firm of Merchan able in order to complete.	on, and also to execute y in connection with any use application based the with such interference, ments and perform any ustrial Property or similar which may be necessa ornmissioner of Patents i nee of the entire interest they have) not executed, t & Gould P.C. the po	ry to obtain, maintain or conf to issue any and all Letters Pat, and hereby covenants that he and will not execute, any agre- ower to insert on this assign- united States Patent and Trace	nection with such adared concerning cooperate with the in connection with firm by reissue or tents of the United e. has (they have) ements in conflict ment any further
Date	Mar. 12	<i></i>	2015	Name of Inven	tor Junichi YOKOI	Tokoj	(SEAL)
Date				Name of Inven			(SEAL)
Date		·	ne a an ann an	Name of Inven	tor	navial named dispenses of the second	(SEAL)

Name of Inventor _

PATENT REEL: 045347 FRAME: 0141

RECORDED: 02/15/2018