501867416 03/27/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kenichi Hirata	03/23/2012

RECEIVING PARTY DATA

Name:	Brother Kogyo Kabushiki Kaisha			
Street Address:	15-1 Naeshiro-cho,			
Internal Address:	Mizuho-ku,			
City:	Nagoya-shi, Aichi-ken			
State/Country:	JAPAN			
Postal Code: 467-8561				

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13430997

CORRESPONDENCE DATA

Fax Number: (202)639-7890 Phone: 202 639-7700

Email: chad.cullen@bakerbotts.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Baker Botts, LLP

Address Line 1: 1299 Pennsylvania Avenue, NW

Address Line 2: The Warner

Address Line 4: Washington, DISTRICT OF COLUMBIA 20004-2400

ATTORNEY DOCKET NUMBER: 076376.2249

NAME OF SUBMITTER: Chad M. Cullen

Total Attachments: 1

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PATENT

REEL: 027934 FRAME: 0449

ASSIGNMENT

		(1)	Kenichi HIRA	TA	(5)		
(1-8)	Insert	(2)		18-1-1 AMERICAN	(6)		
Name(s) of Inventor(s)		(3)					
	.,						
		(' '	In considera	ation of the sum of on	e dollar (\$1.00) and oth	er good and valuable co n, and hereby does assig	nsiderations paid to
(9)	Insert Name of Assignee	(9)	BROTHER KO	OGYO KABUSHIKI I	KAISHA		
(10) Insert Address of Assignee (10) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japa					-8561 Japan		
			as defined in 35 provisional, non-	5 U.S.C. §100, in the provisional	invention, and in all a continuation, substitut	and interest for the Uniter applications for patent in e, and reissue application at may be granted on the	cluding any and all n(s), and all Letters
(11)	Insert Identification of Invention	(11)	RECORDIN	G APPARATUS W	ITH STOPPER DE	VICE	
	such as Title, Case Number, or Foreign Application Number	1	(Attorney Dock	et No076	376.2249		
			for which the un	dersigned has (have)	executed an application	for patent in the United S	tates of America
(12)	Insert Date of Signing of Application	(12)	on	lar. 23, 20	12		
(13)	Alternative Identification for filed applications	(13)	U.S. application	Serial Number rch 27, 20	13/430,997	7	
applicate any app Assigne claims of reexam States if full right	ions and patents as the 2) The undersigned lication or continuation in every way possibes 3) The undersigned or provisions of the Interest 4) The undersigned ination a grant of a value 5) The undersigned essulting from said application convey the entire in the undersigned applications of the undersigned applications	e Ass l agre- n or di le in o l agre- ernatio l agre- id Uni l herel plicatio nteres	ignees may deeme(s) to execute all vision thereof, or a btaining evidence e(s) to execute all onal Convention foe(s) to perform a ted States patent by authorize(s) and on(s) to the said A therein assigned by grant(s) the fin	n necessary. I papers necessary in any patent or reissue a e and going forward wit ill papers and docume or Protection of Industrall affirmative acts who to the Assignee. Assignee, as Assignee, and that he has (they or BAKER BOTTS)	connection with any interpolication based thereon in such interference. In such interference, and perform any action and perform any action may be necessary missioner of Patents to it of the entire interest, as have) not executed, are LLP the power to insert	parate assignments in conference which may be not not the invention, and to the which may be necessary greements. The contain, maintain or conference any and all Letters and hereby covenants that will not execute, any agott on this assignment any to and Trademark Office for	declared concerning of cooperate with the ry in connection with confirm by reissue or Patents of the United the has (they have) greements in conflict of further identification
	In witness whereof	exec	uted by the unde		s) opposite the unders	• • •	
Date	Mar. 2	3	, 2012	Name of Inventor	<u>Kenlchi</u>	Hirata	(\$EAL)
Date	e			Name of Inventor			(SEAL)
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PATENT REEL: 027934 FRAME: 0450

RECORDED: 03/27/2012