PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Shintaro Izoe	03/17/2010

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:	12729785

CORRESPONDENCE DATA

Fax Number: (202)639-7890

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202 639-7700

james.arpin@bakerbotts.com Email:

Correspondent Name: Baker Botts, LLP

Address Line 1: 1299 Pennsylvania Avenue, NW

Address Line 2: The Warner

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

076376.1672 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: James B. Arpin, Reg. No. 33470

Total Attachments: 1

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PATENT REEL: 024124 FRAME: 0752

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ASSIGNMENT

		- (1)	Shintaro IZOE		(5)			
(1-8) Insert		(2)			(6)			
Name(s) of Inventor(s)	(3)							
		(4)						
		.,	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set of					
(9)	Insert Name of	(9)	BROTHER KOGYO KABUSHIKI KAISHA					
(10)	Assignee Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan					
	OI Accigned	•	(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America a defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisiona non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions relssues and reexamination certificates that may be granted on the invention known as					
(11) Insert Identification of Invention such as Title, Case Number, or Foreign Application Numbel		(11)	PRINT CONTROLLER					
		n	(Allorney Docke	l No.	076376.1	672		
			for which the und	ersigned has (have) e		n for patent in the Unite		
(12)	Insert Date of Signing of Application	(12)	an	Mar. 17,	2010			
(13)	Alternative Identification	(13)	U.S. application	Serial Number	12/729,	785		
	for filed applications		filed		March 23	3, 2010		
patents applicat in every or provis reexami States r right to	as the Assignees ma 2) The undersigne ion or continuation or way possible in obtai 3) The undersigne sions of the Internatio 4) The undersigne nation a grant of a val 5) The undersigne esulting from said ap convey the entire inter 6) The undersigne	y deem d agree divisior ning ev d agree nal Cor ed agree iid Unite d heret plicatio rest her d hereb	necessary. (s) to execute all thereof, or any padence and going it (s) to execute all pyention for Protecte(s) to perform at States patent to by authorize(s) ann(s) to the said A lein assigned, and y grani(s) the firm	papers necessary in itent or relssue application of which such inter- papers and documentation of Industrial Propriation of Industrial Propriation and Industrial Propriation and Industrial Propriation and Industrial Propriation in Industrial	connection with any interest and perform any activity or similar agreemental may be necessimissioner of Patents of the entire interest and executed, and when the power to insert	nterference which may or the invention, and to which may be necessa- ents. sary to obtain, maintai to issue any and all L , and hereby covenants till not execute, any agre t on this assignment ar	to with such applications and be declared concerning and cooperate with the Assignerary in connection with claims or confirm by reissue of the United that he has (they have) for the their inconflict herewith by further identification which or dation of this document.	
				signed on the date(s) opposite the und	ersigned name(s).		
Date	mar. 17	, 2	0 [0	Name of Inventor	Shintaro Shintaro IZOE	Szal	(SEAL)	
Date	• · · · · · · · · · · · · · · · · · · ·			Name of Inventor			(SEAL)	
Date	·			Name of Inventor			(SEAL)	
Date	1		Paris III.	Name of Inventor	***************************************		(SEAL)	
Date)			Name of Inventor			(SEAL)	

PATENT REEL: 024124 FRAME: 0753

RECORDED: 03/23/2010