### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
Hirotoshi MAEHIRA	09/17/2013

#### **RECEIVING PARTY DATA**

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#### PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14032466		

#### **CORRESPONDENCE DATA**

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Date:	09/20/2013	

Total Attachments: 1

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**PATENT** 

REEL: 031248 FRAME: 0772

# **ASSIGNMENT**

		(1)	Hirotoshi MAEH	IIRA	(5)	
(1-8)	Insert	(2)	-			
Name(s) of Inventor(s)	(3)					
		(4)				
			In consideration of	of the sum of one dollar	(\$1.00) and	other good and valuable considerations paid to lign, and hereby does assign, transfer and se
(9)	9) Insert Name of (9) BROTHER KOGYO KABUSHIKI KAISHA					
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho,	Mizuho-ku, Nagoya-s	shi, Aichi-ke	– ∍n, 467-8561 Japan
	-	,	as defined in 35 U.S. provisional, non-provis Patent, extensions, reis	C. §100, In the invention ional, divisional, continused and reexamination	n, and in all ation, substit certificates t	le and interest for the United States of America I applications for patent including any and al tute, and reissue application(s), and all Letters that may be granted on the invention known as
(11)	Insert Identification	(11)	MATTER PRODUC	ING METHOD	DARLE KE	ECORDING MEDIUM AND PRINTED
	of Invention such as Title, Case Number, or Foreign Application Numbe	,	(Attorney Docket No.	Manage Control of the		
					an applicatio	n for patent in the United States of America
(12)	Insert Date of Signing of Application	(12)	on Sep.	17, 2013		
(13)	Alternative Identification for filed applications	(13)	U.S. application Serial	Number		
reissue a application any appli Assignee claims or eexamin t eexamin t ull right to erewith. t claintificat	applications for the inverse and patents as the cation or continuation in every way possible to the inversions of the Interest of the undersigned ation a grant of a valic to the undersigned is utiling from said applies convey the entire interest.	vention Assig agree(: or divis in obt agree(: rnation agree( I United nereby ication( erest h	and any patent(s) iss nees may deem necess to execute all papers ion thereof, or any pate aining evidence and goi to execute all papers al Convention for Protect to perform all affirm I States patent to the A authorize(s) and reques to the said Assigned erein assigned, and that or grant(s) the firm of	uing thereon, and also sary.  a necessary in connectice to or reissue application ing forward with such into and documents and petion of industrial Properative acts which may be ssignee.  at (s) the Commissioner of the enion at he has (they have) not the McCarter & English,	to execute s in with any ir based there erference. erform any ac y or similar a e necessary of Patents to ire interest, a executed, a	y application and any continuing, divisional or separate assignments in connection with such interference which may be declared concerning ion, for the invention, and to cooperate with the ct which may be necessary in connection with agreements.  Yo obtain, maintain or confirm by reissue or issue any and all Letters Patents of the United and hereby covenants that he has (they have) and will not execute, any agreements in conflict wer to insert on this assignment any further lited States Patent and Trademark Office for
].	n witness whereof, e	xecute	d by the undersigned	on the date(s) opposi	e the under	signed name(s).
Date	Sep. 17	<u>)</u>	20   3 Name	e of Inventor Him	toshi	Maehira (SEAL)

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**RECORDED: 09/20/2013**