PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Munehisa MATSUDA	06/29/2011

RECEIVING PARTY DATA

Name:	BROTHER KOGYO KABUSHIKI KAISHA			
Street Address:	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi			
City:	Aichi-ken			
State/Country:	JAPAN			
Postal Code:	467-8561			

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13175180	

CORRESPONDENCE DATA

Fax Number: (516)742-4366

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

Phone: 516-742-4343

Email: jmoses@ssmp.com

Correspondent Name: Paul J. Esatto, Jr.

Address Line 1: SCULLY, SCOTT, MURPHY & PRESSER, P.C.

Address Line 2: 400 Garden City Plaza, Ste. 300 Address Line 4: Garden City, NEW YORK 11530

ATTORNEY DOCKET NUMBER: 27667

NAME OF SUBMITTER: Paul J. Esatto, Jr.

Total Attachments: 1

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PATENT REEL: 026537 FRAME: 0089

ASSIGNMENT

		(1)	Munehisa MATSUDA	and the second s	(5)	and the state of t
(1-8) Insert Name(s) of Inventor(s)		(2)			(6)	
		(3)			(7)	
		(4)		And the second s	(8)	
		each (0) and other good and valuable n, and hereby does assign, trans	
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA			
V /	insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan			
		define non-p	d in 35 U.S.C. §100, in the li	nvention, and in all a ion, substitute, and re	title and interest for the United populations for patent including a lissue application(s), and all Lett on the invention known as	any and all provisions
(11)	Insert	(11)	COMMUNICATION DEV	TCE		
	Identification such as Title, Case					
	Number, or Foreign Application Number	(Attor	ney Docket No. 27	667		
		for wh	ich the undersigned has (have)	executed an application	on for patent in the United States	of America
(12)	Insert Date of Signing of Application	(12)	on Jun. 29,	2011		
(13)	Alternative	(13)	U.S. application Serial Numb	er		
	Identification for filed applications	filed				
as the A applicati every wa provision grant of resulting the entire identification	ssignees may deem necessary. The undersigned agree on or continuation or division by possible in obtaining evide 3). The undersigned agree in softhe international Converty. The undersigned agree is a valid United States patent to 5). The undersigned hereby from said application(s) to the interest herein assigned, ar 6). The undersigned hereby the interest herein assigned hereby the interest herein as in the interest herein as in the interest hereby the	ary. (s) to exe thereof, nce and g (s) to exe ntion for P (s) to perficit the Assi y authoriz the said And that he by grant(s y or desira	ecute all papers necessary in or any patent or reissue applicogning forward with such interference all papers and document or retection of industrial Property orm all affirmative acts which nignee. e(s) and request(s) the Commossignee, as Assignee of the enhas (they have) not executed, a the firm of Scully, Scott, Mable in order to comply with the	n connection with any alion based thereon, it sence, is and perform any actor similar agreements, hay be necessary to o dissioner of Palents to the interest, and here and will not execute, and urphy & Presser Pulles of the United States.	Interference which may be de- or the invention, and to cooperate which may be necessary in co- btain, maintain or confirm by relationship and all Letters Pater by covenants that he has (they have agreements in conflict herewith of the power to insert on this atters Patent and Trademark Office	eclared concerning are the with the Assignee is connection with claims of the United State area) full right to convert.
	In witness whereof, execut	ted by the	undersigned on the date(s)		,	
Date	Jun. 29, 20	[1	Name of Inventor	Munehisa Munehisa MATSUDA	Matsuda	(SEAL)
Date	PROVIDENCE		Name of Inventor			(SEAL)
Date			Name of Inventor			(SEAL)
Date	·		Name of Inventor			(SEAL)
Date			Name of Inventor			(SEAL)
Date	ENGLES WHILE A PART OF THE PAR		Name of Inventor			(SEAL)
Date			Name of Inventor			(SEAL)

Date Name of Inventor

PATENT REEL: 026537 FRAME: 0090