PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:		ASSIGNMENT							
CONVEYING PARTY DATA									
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Yutaka Kakigahara				10/27/2011					
RECEIVING PARTY DATA									
Name:	Brother Kogyo	Kabu	ishiki Kaisha						
Street Address:	15-1 Naeshiro-	cho,							
Internal Address:	Mizuho-ku,								
City:	Nagoya-shi, Aid	hi-ke	en						
State/Country:	JAPAN								
Postal Code:	467-8561	467-8561							
PROPERTY NUMBERS Total: 1									
Property Ty	ype		Number						
Application Number: 13284		424							
CORRESPONDENCE	DATA								
Fax Number: (202)508-9338									
Phone:	202 639-7700								
Fax Number:(202)508-9338Phone:202 639-7700Email:brian.goldberg@bakerbotts.comCorrespondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent									
<i>via US Mail.</i> Correspondent Name:	: Baker Bot	s. Ll	Ρ						
Correspondent Name: Baker Botts, LLP Address Line 1: 1299 Pennsylvania Avenue, NW									
Address Line 2:									
Address Line 4:	Washingto	n, D	ISTRICT OF COLUMBIA 20004-2400						
ATTORNEY DOCKET NUMBER:			076376.2111						
NAME OF SUBMITTER:			Brian J. Goldberg						
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NINO. 5234 P.P. 5/83 2011-00494 US/57CR20

ASSIGNMENT

		(1)	Yutaka KAKIGAHARA (5)				
(1-8)	insert. ((2)	(6)				
•	Name(s) of inventor(s) ((3)	(7)				
	((4)	(8)				
,		 0	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned agree(s) to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA				
(10)	Insert Address	0)	15-1 Naeshiro-sho, Mizuho-ku, Nagoya-shi, Alchi-ken 467-8561, Japan (hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
		a					
		P	Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification (1	F	Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as RECORDING APPARATUS				
(11)	Identification ⁽¹ of Invention such as Title, Case Number, or Foreign	F 1) _	Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Identification ⁽¹ of Invention such as Title, Case	F 1) -	Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as RECORDING APPARATUS				
(11) (12)	Identification (1 of Invention such as Title, Case Number, or Foreign Application Number Insert Date of	F 1) _ _ f	Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as RECORDING APPARATUS (Attorney Docket No. 076376.2111				
	Identification (1 of Invention such as Title, Case Number, or Foreign Application Number Insert Date of Signing of (1 Application	F 1) _ - 12) (Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as RECORDING APPARATUS (Attorney Docket No. 076376.2111 (Attorney Docket No. 076376.2111 (or which the undersigned has (have) executed an application for patent in the United States of America (Dat. 97				

 The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or relasue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by relasue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

5) The undersigned hereby grant(s) the firm of BAKER BOTTS LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Oct. 27. 2011	Name of inventor	Yutaka Kakigahara	(SEAL)
Date		Name of Inventor	······	(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date	, 	Name of Inventor		(SEAL)
Date		Name of inventor		(seal)

RECORDED: 10/28/2011

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