## PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	CONVEYING PARTY DATA				
Name Execution Date				Execution Date	
Hiroyuki MATSUMOTO				07/28/2009	
RECEIVING PARTY D	ΑΤΑ				
Name:	KYOCERA C	ORPO	RATION		
Street Address:	6, Takeda To	badono	o-cho, Fushimi-ku		
City:	Kyoto-shi, Ky	oto			
State/Country:	JAPAN				
Postal Code:	612-8501				
PROPERTY NUMBER	S Total: 1				
Property Type			Number		
Application Number: 125170			034		7034
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Fax Number:	(310)78	5-4601			0
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	Phone: 310-785-4746				\$7
Correspondent Name:	Email:       ctkeyner@hhlaw.com         Correspondent Name:       HOGAN & HARTSON L.L.P.			CH	
Address Line 1: 1999 AVENUE OF THE STARS					
Address Line 2: SUITE 1400					
Address Line 4: LOS ANGELES, CALIFORNIA 90067					
ATTORNEY DOCKET NUMBER:			89325.0058		
NAME OF SUBMITTER:			Lawrence J. McClure		
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To the Assistant Commissioner for Patents: Please re	ecord the attached original documents or copy thereof.		
<ol> <li>Name of conveying party(ies):</li> <li>Hiroyuki MATSUMOTO</li> <li>Additional name(s) of conveying party(ies) attached?</li></ol>	<ol> <li>Name and address of receiving party(ies):</li> <li>KYOCERA CORPORATION</li> <li>Takeda Tobadono-cho, Fushimi-ku</li> <li>Kyoto-shi, Kyoto 612-8501 Japan</li> </ol>		
3. Nature of conveyance:         Image: Marger         Image: Security Agreement         Image: Other			
Execution Date: July 28, 2009	Additional name(s) & address(es) attached?  Yes X No		
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the exect</li> <li>A. Patent Application No.(s) 12/517,034</li> </ul>	ution date of the application is: B. Patent No.(s)		
Additional numbers attac	ched? 🔲 Yes 🖾 No		
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Lawrence J. McClure, Esq. HOGAN &amp; HARTSON L.L.P. 1999 Avenue of the Stars, Suite 1400 Los Angeles, CA 90067</li> </ol>	<ul> <li>6. Total number of applications and patents involved: [ 1 ]</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>□ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> </ul>		
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9. Statement and signature. To the pest of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Auron J MCChure Date: August 28, 2009			
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### ASSIGNMENT 譲渡証書

#### 限权证置

(1-8)発明者名	(1) (5) (2) (6)	(1-8)	Name(s) of	(1) Hiroyuki MATSUMOTO	(5)
	(3) (7)		Inventor(s)	(2)	(6)
	(4) (8)			(3)	(7)
	以下の署名者各々に対して支払われる価値あ			(4)	(8)
	る対価に基づき、下記署名者は被譲渡人、			In consideration of the goo considerations paid to each of the undersigned agree(s) to assign,	e undersigned, the
(9) 被譲渡人氏名	(9)			assign, transfer and set over to	
<ul><li>(10) 被譲渡人の会社</li><li>設立の州名</li></ul>	(10)	(9)	Name of Assignee	(9) KYOCERA Corporat	lion
(11) 被譲渡人の住所	(11)	(10)	State of Incorporati on of	(10)	
(12)発明の名称、件	(上記を、以下被譲渡人)へ、下記署名者が 米国に於いて特許出願した (12)	(11)	Assignee Address of Assignee	(11) of 6 Takeda Tobadono-c ku, Kyoto-shi, Kyoto, 612	
名番号、又は外国に於け る特許出願番号等の発明 を識別するもの	で識別される特許出額として公知の発明、及 びそれに対応する若しくはそれに基づいた外 国での全ての特許出額として公知の発明の世 界各国に互っての権利、所有権及び利益を譲 渡することに同意し、ここに譲渡する。			(hereinafter designated as the Ass: worldwide right, title and interest known as	
			dentification	(12) RADIO COMMUNICATIO	ON TERMINAL
			f Invention, uch as Title, Tase Number Foreign pplication Tumber	for which the undersigned has (ha application for patent in the Unite America and all patent application countries corresponding thereto or	d States of ns in foreign
(13)署名日宣言	(13) 日付	(13)	Date(s) of Signing of Declaration	(13) on July 28, 2009	
			1) The unders	signed agree(s) to execute all papers	necessary in

1) 下記署名者は、上記の発明に関し米国及び外国に於ける原出 願、再発行、分割出願及び継続出願に必要な全ての書類手続きを遂行す ることに同意する。さらに下記署名者は、被譲渡人が必要もしくは便宜 と看做した際には、かかる出願に関し別個の譲渡手続きを行うことに同 意する。

2)下記署名者は、当該出願又はその継続出願又は分割出願に関し 提起され得る抵触審査に関連して必要な全ての書類手続きを遂行することに同意する。さらにかかる抵触審査が発生した際には、証拠の収集等 事態の進展に関し被譲渡人に対しあらゆる協力をすることに同意する。

3) 下記署名者は、パリ条約条項又は類似の合意の要求又は規定に 関レ必要な全ての審類手続き、及び必要と看做される行為全てを遂行す ることに同意する The indersigned agree(s) to execute an papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof 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.

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PATENT REEL: 023167 FRAME: 0084 4) 下記署名者は、被譲渡人が有効な米国特許の付与の獲得にあたり必要と看做されるあらゆる積極的行動をとることに同意する。

5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利 益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許 証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名 者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を 有すること、及び当該内容に違反する内容の契約は締結していないこと を誓約する。

6)	下記署名者は、	ここに、
顧客番号		

#### 000026021

で表される者に、この書類の登録に関して米国特許商標庁の規則の順守 にあたり必要もしくは望ましい識別番号等をこの譲渡証書に追加する権 限を与える。

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日付	第一署名者
日付	第二署名者
日付	<b>第三署</b> 名者
日付	第四署名者
日付	第五署名者
日付	第六署名者

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4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain 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 or any division or divisions or continuing applications thereof 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 here in assigned and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

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	1

the power to insert on this assignment any further identification which may be necessary or desirable

in order to comply with the rues of the United States Patent and Trademark Office for recordation of this document.

Date:	July 18,2009	Signature of Inventor 1	Hiroyupi Matsumoto
Date:		Signature of Inventor 2	
Date:		Signature of Inventor 3	
Date:		Signature of Inventor 4	
Date:		Signature of Inventor 5	
Date:	·	Signature of Inventor 6	

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**RECORDED: 08/28/2009**