RE 12/5/08		
Form PTO-1595 1-3-92	01-12-2009	U.S. DEPARTMENT OF COMMERCE LETTER Patent and Trademark Office
		Attorney Docket No.: 81922.0083
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 Application number(s) or patent number(s): If this document is being filed together with a new 	spolication, the execution data of the ar	Delication is: JAN 9 2009
A. Patent Application No.(s) 12/280,773	B. Patent	
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		PATENT ASSIGNMEN	IT		
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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	OATA				
		Name	Execution Date		
Fangwei TONG			12/03/2008		
Name:		KYOCERA CORPORATION			
Street Address:	6, Takeda To	6, Takeda Tobadono-cho, Fushimi-ku			
City:	Kyoto-shi, Ky	ito-shi, Kyoto			
State/Country:	JAPAN				
Property Type Application Number: 12280		Num	ber		
	l		L		
CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	(310)785 be sent via US 310/785 laprosec a: HOGAN 1999 AV SUITE 1	<i>Mail when the fax attempt is unsucces</i> 4600 ution@hhiaw.com & HARTSON L.L.P. 'ENUE OF THE STARS	รณี.		
ATTORNEY DOCKET NUMBER:		81922.0083			
NAME OF SUBMITTER:		Troy M. Schmelzer			
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Attorney Docket No.

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ASSIGNMENT 識波証書

(1	 (1) (5) (2) (6) (3) (7) (4) (8) 以下の署名者各・に対して支払われる価値ある対価に基づき、下記 署名者は被譲渡人、 	(1-8)	Name(s) of Inventor(s)	(2) (3) (4) Ir v o a	wei. TONG a consideration of the good and aluable considerations paid to each f the undersigned, the undersigned gree(s) to assign, and hereby does
 (9) 被譲渡人氏為 (10) 被譲渡人の会社 	(9) (10)		Name of Assignee	-	ssign, transfer and set over to
設立の州名	•= ••	(9) (10)	Name of Assignce State of		Lyoto, Japan
(11) 被諧強人の住所	(11)	{10}	Incorporation of Assignee	(10) A	rlow, subm
	(上記を、以下被譲後人)~、下 記署名者が米國に於いて特許出願 した	<i>(11)</i>	Address of Assignee	Ť J	i, Takedatobadono-cho, Jushimi-ku, Kyoto-shi, Kyoto, anin
(12)発明の名称、件 名香母、又は外国に於け る特許出頭番号等の挙引 を疎別するもの	(12) で識別される特許出版として公知 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会て の特許出願として公知の発明の世 界各国に互っての権利、所有権及				herchafter des ignates as the caterial sister and worldwide gain the and markets in the available grown as
	び利益を醸蔵することに同意し、ここに設設する。	(12)	Identification of Invention, such as Title, Case Number or Foreign	AF	RAY ANTENNA PPARATUS AND SIGNAL ROCESSING METHOD
(13) 潜衛員堂官	(18) 日付		Application Number		
に於ける原田顕、再発 全ての書類手続きを謝 署名者は、被譲渡人が。 は、かかる出版に関し する。 2) 下記層名者に	た、上記の完明に関し米国及び外国 子、分割出顧及び継続出駅に必买な 子することに同意する。さらに下記 必要もしくは便宜と項做した際に 別個の譲渡手続きを行うことに同意 た、当該出願文はその継続出駅又は れ将る紙触審査に関連して必要な会				ich the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
ての書類手続きを遂行	することに 闭意する。さらにかかる には、証拠の収集等本部の進展に関	(23)	Dats(s) of Signing of Declaration	(13)	December 3, 2008

ての書類手続きを遂行することに阿意する。さらにかかる 抵触寄支が発生した際には、証拠の収集等事態の進展に関 し被議論人に対しあらゆる協力をすることに同意する。

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1) The undersigned agree(s) to execute all 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 supplications as the Assignments in connection with such applications as the Assignce 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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| 末賀国際###事務所 FAX 03-5288-5822(代)

Page 1 of 2

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 Assignes.

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君做し、当該出顧又はその分

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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

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 Assignce, as Assignce 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.

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

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.

tiona and and Date: Dec. з. 2008 Signature of Inventor 1 Fangwei TONG

6) 下記署名者は、ここに、 顧客香号 000026021

で表される者に、この審擬の登録に歸して米国特許商係庁 の規則の順守にあたり必要もしくは窒ましい識別番号等を この謎渡証書に追加する権限を与える。

日付	第一署名者
月付	第二署名者
日付	第三哥名者
日付	第四舉名者
日付	第五署名者
6付	第六署名者

Date: Signature of Inventor 3

Signature of Inventor 2

Date:

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