## PATENT ASSIGNMENT

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NATURE OF CONVE	ANCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date		Execution Date		
Chizuko NAGASAWA	Chizuko NAGASAWA 08/2		08/23/2010	
Kugo MORITA			08/23/2010	
RECEIVING PARTY DATA				
Name:	KYOCERA CORP	ORATION		
Street Address:	6, Takedatobadon	o-cho, Fushimi-ku		
City:	Kyoto-shi, Kyoto			
State/Country:	JAPAN			
Postal Code:	612-8501			
Property Type Application Number: 12919		Number 439		
Application Number:	1291			
Application Number:	DATA	9439		
Application Number: CORRESPONDENCE Fax Number:	DATA (801)328-170	9439		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone:	DATA (801)328-170 be sent via US Mail 801-533-980	9439 17 <i>when the fax attempt is unsuccessful.</i> 0		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email:	DATA (801)328-170 be sent via US Mail 801-533-980 khauser@wn	9439 97 <i>when the fax attempt is unsuccessful.</i> 0 law.com		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email: Correspondent Name:	DATA (801)328-170 <i>be sent via US Mail</i> 801-533-980 khauser@wn R. Burns Isra	9439 7 <i>when the fax attempt is unsuccessful.</i> 0 law.com elsen		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email:	DATA (801)328-170 be sent via US Mail 801-533-980 khauser@wn	9439 97 <i>when the fax attempt is unsuccessful.</i> 0 law.com elsen Sate Tower		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (801)328-170 (801)328-170 (801-533-980) khauser@wn R. Burns Isra 1000 Eagle 0 60 East Sout	9439 97 <i>when the fax attempt is unsuccessful.</i> 0 law.com elsen Sate Tower		
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (801)328-170 (801)328-170 (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801-533-980) (801)328-170 (801)328-170 (801)328-170 (801)328-170 (801)328-170 (801)328-170 (801)328-170 (801)328-170 (801)528-170 (801)528-170 (801)528-170 (801)528-170 (801)528-170 (801)528-170 (801)528-170 (801)528-170 (801)533-980	9439 97 <i>when the fax attempt is unsuccessful.</i> 0 law.com elsen 6ate Tower n Temple		
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Attorney Docket No. 18360.3 弁護士事件番号

## ASSIGNMENT 譲渡証書

(9) Name(s) of

Assignee(s)

(10) State of

Incorporation

of Assignee(s) (11) Address(es) of

Assignee(s)

(1-8) 発明者名

· · · · · · · · · · · · · · · · · · ·	(1-8) Name(s) of Inventor(s)
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以下の署名者各々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,

(9) 被譲渡人名 京セラ株式会社

(10、11) 被譲渡 人本店所在地・住所

京都市伏見区竹田鳥羽殿町6番地 〒812-8501、日本国

(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) 発明の名称、 件名誉号、又は外国に 於ける特許出題番号等 の発明を識別するもの

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Chizuko NAGASAWA	
Kugo MORITA	
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In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) KYOCERA Corporation

on

(10) (11) of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501, and

(hereinafter designated as the Assignee(s)) the entire worldwide right, title and interest in the invention known as

(12) Identification	(12) WIRELESS COMMUNICATION
of Invention, such	APPARATUS
as Title, Case	
Number or Foreign Application Number	which was filed as U.S. Patent Application No.

which was filed as U.S. Patent Application No.

for which 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.

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 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 Assignce 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 a grant of a valid United States patent to the Assignee.

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PATENT REEL: 024887 FRAME: 0815

## Attorney Docket No. <u>18360.3</u> 弁護士事件委号

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 益の被鎮渡人と看做し、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。

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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 grant(s) to 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 rules of the United States Patent and Trademark Office for recordation of this document.

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PATENT REEL: 024887 FRAME: 0816

**RECORDED: 08/25/2010**