502478016 08/29/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toshihisa NABATA	08/19/2013
Satoshi MIZUTA	08/19/2013
Tomoaki MIYANO	08/19/2013
Kiyokazu SATO	08/19/2013
Akio KIHARA	08/19/2013
Shun KAZAMA	08/19/2013
Masanori UMEHARA	08/19/2013
Motonori IMAMURA	08/19/2013

RECEIVING PARTY DATA

Name:	KYOCERA CORPORATION
Street Address:	6 Takeda Tobadono-cho
Internal Address:	Fushimi-ku
City:	Kyoto
State/Country:	JAPAN
Postal Code:	612-8501

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14002357

CORRESPONDENCE DATA

Fax Number: 7033901277

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

Phone: 703 390 9051

Email: info@sbpatentlaw.com

Correspondent Name: Studebaker & Brackett PC

Address Line 1: 12700 Sunrise Valley Drive

Address Line 2: Suite 102

PATENT

REEL: 031114 FRAME: 0395

Address Line 4: Reston, VIRGINIA 20191	
ATTORNEY DOCKET NUMBER:	005000-K00094
NAME OF SUBMITTER:	Donald R. Studebaker
Signature:	/Donald R. Studebaker/
Date:	08/29/2013
Total Attachments: 16 source=DEC_ASN#page1.tif source=DEC_ASN#page3.tif source=DEC_ASN#page4.tif source=DEC_ASN#page5.tif source=DEC_ASN#page6.tif source=DEC_ASN#page7.tif source=DEC_ASN#page8.tif source=DEC_ASN#page9.tif source=DEC_ASN#page10.tif source=DEC_ASN#page11.tif source=DEC_ASN#page12.tif source=DEC_ASN#page13.tif source=DEC_ASN#page15.tif source=DEC_ASN#page15.tif source=DEC_ASN#page16.tif	

PATENT REEL: 031114 FRAME: 0396



Title of Invention:	
ELECTRONIC DEVICE	
私は、以下に記名された発明者として、ここに下記 の通り宣言する:	As a below named inventor, I hereby declare that:
本宣言書は、以下の出願に対するものである:	This declaration is directed to:
□ 添付された出願、あるいは、□ 米国出願番号またはPCT国際出願番号は、□ であり、且つ□ の日に出願された出願(該当する場合)	The attached application, or United States application or PCT international application number
上記出願書(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.
私は、本米国出願の請求範囲で記載された発明に対する原発明者であるか、或いは、原共同発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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	STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):
	The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications
	Signature: "The re-
	Date: <u>11/15/2012</u>



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The inventor declaration for said application	is combined herewith.	
[X] said application to be filed in the United	States Patent and Trademark Office;	
authorization being hereby given to the pract	United States Patent and Trademark Office on,	
[] said application having been filed under Serial No, th	the Patent Cooperation Treaty on, as e United States of America being designated.	
AND WHEREAS KYOCERA CORPORATION of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto 612-8501 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;		
NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.		
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The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.		
This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.		
発明者氏名/ Legal Name of Inventor	NABATA, Toshihisa	
発明者の署名/ Signature 石 な印 人分子士	月付/ Date August 19, 2013	
6-7 (14x / 1 x / 1	J	



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	Signature: 11/15/2012
	Apply



The inventor declaration for said application is combined herewith.		
[X] said application to be filed in the United States Patent and Trademark Office;		
[] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with <u>STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198</u> , to insert here in parentheses (Application Serial No) the application serial number of said application when known;		
[] said application having been filed under the Patent Cooperation Treaty on, as Serial No, the United States of America being designated.		
AND WHEREAS KYOCERA CORPORATION of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto 612-8501 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;		
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This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.		
発明者氏名/ Legal Name of Inventor		
MIZUTA, Satoshi		
発明者の署名/ Signature 日付/ Date August 19, 2013		
) (注) <i>引送</i> August 19, 2013		



Title of Invention:	
ELECTRONIC DEVICE	
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発明者氏名/ Legal Name of Inventor MIYANO, Tor	noaki	
発明者の署名/ Signature 同野 友彰 Augu	st 19, 2013	



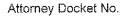
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発明者氏名/ Legal Name of Inventor	SATO, Kiyokazu
発明者の署名/ Signature / た 族 ・	日付/ Date August 19, 2013
11/2 1/3 /13	



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発明者氏名/ Legal Name of Inventor	HARA, Akio
	付/ Date
大原、美朗	August 19, 2013



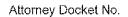
Title of Invention:	
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ELECTIONIC DESICE	
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[] said application having been filed Serial No.	under the Patent Cooperation Treaty on, as, the United States of America being designated.
612-8501 JAPAN, hereinafter referre	corporation of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto do as the assignee, is desirous of acquiring the entire right, title and cluding any and all divisions and continuations thereof, and in and to said ich may be granted therefor, including any and all renewals, reissues and
paid by said assignee to said assigne assigns, sells and transfers to said a exclusive right, title and interest in an thereof, and in and to said invention all renewals, reissues and prolongati to have, hold, exercise and enjoy the and the said invention and any and a reissues and prolongations thereof, of from or appertaining thereto, for and including any and all renewals, reiss and said assignee's successors and	eration of One Dollar (\$1.00), and other good and valuable consideration or, the receipt of which is hereby acknowledged, said assignor hereby ssignee, and said assignee's successors and assigns, the full and not to said application, including any and all divisions and continuations and any and all patents which may be granted therefor, including any and ons thereof; said assignee, and said assignee's successors and assigns, said application, including any and all divisions and continuations thereof, all patents which may be granted therefor, including any and all renewals, with all the rights, powers, privileges and advantages in anywise arising during the term or terms of any and all such patents when granted, ues and prolongations thereof, for the use and benefit of said assignee, assigns, in as ample and beneficial a manner as the said assignor might same, if this assignment had not been made.
AND said assignor hereby a successors or assigns, any and all a any and all renewals, reissues and p	grees to perform, upon the request of said assignee, or said assignee's lots relating to the obtaining or to the asserting of said patents, including prolongations thereof.
AND said assignor authorize Letters Patent on said application, ar said assignee's successors and ass	es and requests the Commissioner of Patents and Trademarks to issue and on any and all divisions and continuations thereof, to said assignee, and igns, in accordance herewith.
on the Assignment portion of this co be necessary or desirable in order to recordation of this document.	ants the law firm of STUDEBAKER & BRACKETT PC the power to insert mbined Declaration and Assignment any further identification which may be comply with the rules of the U.S. Patent and Trademark Office for
This combined Declaration opposite the undersigned name.	and Assignment has been executed by the undersigned on the date
発明者氏名/ Legal Name of Inventor	KAZAMA, Shun
発明者の署名/ Signature	日付/ Date
Shun Kazama	August 19, 2013



Title of Invention:	
ELECTRONIC DEVICE	
私は、以下に記名された発明者として、ここに下記 の通り宣言する:	As a below named inventor, I hereby declare that:
本宣言書は、以下の出願に対するものである:	This declaration is directed to:
□ 添付された出願、あるいは、□ 米国出願番号またはPCT国際出願番号は、□ であり、且つ□ の日に出願された出願(該当する場合)	☐ The attached application, or ☐ United States application or PCT international application number
上記出願書(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.
私は、本米国出願の請求範囲で記載された発明に対する原発明者であるか、或いは、原共同発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
私は、ここでの宣誓または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、罰金あるいは5年以下の懲役、または、両方の	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
懲罰を受けることを認める。	STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):
	The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications
	Signature: 11/15/2012 Date: 11/15/2012





The inventor declaration for said application is combine	d herewith.
[X] said application to be filed in the United States Pate	ent and Trademark Office;
[] said application having been filed in the United State authorization being hereby given to the practitioners as CUSTOMER NUMBER 78198 , to insert here in parent application serial number of said application when known	sociated with STUDEBAKER & BRACKETT PC's heses (Application Serial No) the
[] said application having been filed under the Patent C Serial No, the United Sta	Cooperation Treaty on, as ates of America being designated.
AND WHEREAS KYOCERA CORPORATION 612-8501 JAPAN, hereinafter referred to as the assignmenterest in and to said application, including any and all invention and any and all patents which may be granted prolongations thereof;	divisions and continuations thereof, and in and to said
NOW, that for and in consideration of One Doll paid by said assignee to said assignor, the receipt of w assigns, sells and transfers to said assignee, and said exclusive right, title and interest in and to said application thereof, and in and to said invention and any and all parall renewals, reissues and prolongations thereof; said at to have, hold, exercise and enjoy the said application, in and the said invention and any and all patents which m reissues and prolongations thereof, with all the rights, promote the said application or appertaining thereto, for and during the term or including any and all renewals, reissues and prolongation and said assignee's successors and assigns, in as amy or could have held and enjoyed the same, if this assign	assignee's successors and assigns, the full and on, including any and all divisions and continuations tents which may be granted therefor, including any and assignee, and said assignee's successors and assigns, including any and all divisions and continuations thereof, ay be granted therefor, including any and all renewals, powers, privileges and advantages in anywise arising terms of any and all such patents when granted, ons thereof, for the use and benefit of said assignee, ole and beneficial a manner as the said assignor might
AND said assignor hereby agrees to perform, a successors or assigns, any and all acts relating to the any and all renewals, reissues and prolongations there	upon the request of said assignee, or said assignee's obtaining or to the asserting of said patents, including of.
AND said assignor authorizes and requests the Letters Patent on said application, and on any and all di- said assignee's successors and assigns, in accordance	
The undersigned hereby grants the law firm of on the Assignment portion of this combined Declaration be necessary or desirable in order to comply with the recordation of this document.	
This combined Declaration and Assignment ha opposite the undersigned name.	is been executed by the undersigned on the date
発明者氏名/ Legal Name of Inventor	
	UMEHARA, Masanori
発明者の署名/ Signature Wasanori Umehara	目付/ Date August 19, 2013



Title of Invention:	
ELECTRONIC DEVICE	
私は、以下に記名された発明者として、ここに下記 の通り宣言する:	As a below named inventor, I hereby declare that:
本宣言書は、以下の出願に対するものである:	This declaration is directed to:
□ 添付された出願、あるいは、□ 米国出願番号またはPCT国際出顧番号は、であり、且つの日に出願された出願(該当する場合)	The attached application, or United States application or PCT international application number
上記出顧書(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.
私は、本米国出顧の請求範囲で記載された発明に対する原発明者であるか、或いは、原共同発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
私は、ここでの宣誓または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、罰金あるいは5年以下の懲役、または、両方の	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
懲罰を受けることを認める。	STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):
	The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications Signature:
	Date: <u>11/15/2012</u>



WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

The inventor declaration for said application is combined herewith.
[X] said application to be filed in the United States Patent and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with <u>STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198</u> , to insert here in parentheses (Application Serial No) the application serial number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty on, as Serial No, the United States of America being designated.
AND WHEREAS KYOCERA CORPORATION of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto 612-8501 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;
NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.
The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.
This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.
発明者氏名/ Legal Name of Inventor IMAMURA, Motonori
発明者の署名/ Signature 日付/ Date August 19, 2013

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