502914930 07/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2961528

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIHISA NABATA	07/08/2014
SATOSHI MIZUTA	07/08/2014
TOMOAKI MIYANO	07/08/2014
KIYOKAZU SATO	07/08/2014
AKIO KIHARA	07/08/2014
SHUN KAZAMA	07/08/2014
YASUHIRO KATAYAMA	07/08/2014

RECEIVING PARTY DATA

Name:	KYOCERA CORPORATION	
Street Address:	6 TAKEDA TOBADONO-CHO	
Internal Address:	FUSHIMI-KU	
City:	куото	
State/Country:	JAPAN	
Postal Code:	612-8501	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14375773

CORRESPONDENCE DATA

Fax Number: (703)390-1277

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	005000-K00135
NAME OF SUBMITTER:	TIM L. BRACKETT, JR
SIGNATURE:	/Tim L. Brackett, Jr./

502914930 PATENT REEL: 033427 FRAME: 0232

DATE SIGNED:	07/30/2014
Total Attachments: 14	
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PATENT REEL: 033427 FRAME: 0233



Title of Invention: ELECTRONIC DEVICE	
私は、以下に紀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
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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 懲罰を受けることを認める。	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.
遊園 社一文字/ 別 〜 位 一位 彼 夕 の g	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>



The inventor declaration for said application is cor	mbined herewith.	
[X] said application to be filed in the United States	s Patent and Trademark Office;	
[] said application having been filed in the United authorization being hereby given to the practitione CUSTOMER NUMBER 78198, to insert here in papplication serial number of said application when	ers associated with <u>STUDEBAKER & BRACKETT Properties of the Prope</u>	<u>C's</u>) the
[] sald application having been filed under the Pa Serial No, the Unite	itent Cooperation Treaty on ed States of America being designated.	, as
<u>612-8501 JAPAN,</u> hereinafter referred to as the as interest in and to said application, including any ar	TION of 6 Takeda Tobadono-cho, Fushimi-ku, Konsignee, is desirous of acquiring the entire right, the sald divisions and continuations thereof, and in a ranted therefor, including any and all renewals, related	itle and
paid by said assignee to said assignor, the receipt assigns, sells and transfers to said assignee, and exclusive right, title and interest in and to said app thereof, and in and to said invention and any and a all renewals, reissues and prolongations thereof; s to have, hold, exercise and enjoy the said application and the said invention and any and all patents whi reissues and prolongations thereof, with all the rigit from or appertaining thereto, for and during the ter including any and all renewals, reissues and prolone.	e Dollar (\$1.00), and other good and valuable const of which is hereby acknowledged, said assignor is said assignee's successors and assigns, the full a blication, including any and all divisions and continuall patents which may be granted therefor, including said assignee, and said assignee's successors and including any and all divisions and continuation ich may be granted therefor, including any and all siths, powers, privileges and advantages in anywise or terms of any and all such patents when granted therefor, including any and all such patents when granted thereof, for the use and benefit of said as a sample and beneficial a manner as the said assignment had not been made.	hereby and uations g any and d assigns, ns thereof, renewals, a arising nted, ssignee
AND said assignor hereby agrees to perfo successors or assigns, any and all acts relating to any and all renewals, reissues and prolongations t	orm, upon the request of said assignee, or said ass the obtaining or to the asserting of said patents, in thereof.	signee's ncluding
AND said assignor authorizes and request etters Patent on said application, and on any and a said assignee's successors and assigns, in accord	ts the Commissioner of Patents and Trademarks t all divisions and continuations thereof, to said assig dance herewith.	to issue gnee, and
on the Assignment portion of this combined Declar	m of STUDEBAKER & BRACKETT PC the power ration and Assignment any further identification when the rules of the U.S. Patent and Trademark Office	hich mav
This combined Declaration and Assignmer pposite the undersigned name.	nt has been executed by the undersigned on the d	fate
B阴者氏名/ Legal Name of Inventor	NABATA, Toshihisa	
き明者の署名/ Signature	日付/ Date	The state of the s
Toshihiza Nobata	July 8, 2014	



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[] said application having been filed under the Paten Serial No, the United S	t Cooperation Treaty on, as States of America being designated.
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paid by said assignee to said assignor, the receipt of assigns, sells and transfers to said assignee, and sai exclusive right, title and interest in and to said applica thereof, and in and to said invention and any and all p all renewals, reissues and prolongations thereof; said to have, hold, exercise and enjoy the said application, and the said invention and any and all patents which reissues and prolongations thereof, with all the rights from or appertaining thereto, for and during the term including any and all renewals, reissues and prolong-	ation, including any and all divisions and continuations batents which may be granted therefor, including any and a assignee, and said assignee's successors and assigns, including any and all divisions and continuations thereof, may be granted therefor, including any and all renewals, is, powers, privileges and advantages in anywise arising or terms of any and all such patents when granted, ations thereof, for the use and benefit of said assignee, mple and beneficial a manner as the said assignor might
AND said assignor hereby agrees to perform successors or assigns, any and all acts relating to the any and all renewals, reissues and prolongations the	n, upon the request of said assignee, or said assignee's a obtaining or to the asserting of said patents, including reof.
AND said assignor authorizes and requests t Letters Patent on said application, and on any and all said assignee's successors and assigns, in accordan	the Commissioner of Patents and Trademarks to issue divisions and continuations thereof, to said assignee, and use herewith.
The undersigned hereby grants the law firm on the Assignment portion of this combined Declaration necessary or desirable in order to comply with the recordation of this document.	of STUDEBAKER & BRACKETT PC the power to insert ion and Assignment any further identification which may arrives of the U.S. Patent and Trademark Office for
This combined Declaration and Assignment lopposite the undersigned name.	has been executed by the undersigned on the date
鸦咧者氏名/ Legal Name of Inventor	MIZUTA, Satoshi
発明者の署名/ Signature	月付/ Date
Ratashi Minita	July 8, 2014



Attorney Docket No.

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Attorney Docket No.

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612-8501 JAPAN, hereinafter referred to as the interest in and to said application, including an	DRATION of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto he assignee, is desirous of acquiring the entire right, title and my and all divisions and continuations thereof, and in and to said be granted therefor, including any and all renewals, reissues and
paid by said assignee to said assignor, the reassigns, sells and transfers to said assignee, exclusive right, title and interest in and to said thereof, and in and to said invention and any a all renewals, reissues and prolongations there to have, hold, exercise and enjoy the said apple and the said invention and any and all patents reissues and prolongations thereof, with all the from or appertaining thereto, for and during the including any and all renewals, reissues and p	One Dollar (\$1.00), and other good and valuable consideration ceipt of which is hereby acknowledged, said assignor hereby and said assignee's successors and assigns, the full and application, including any and all divisions and continuations and all patents which may be granted therefor, including any and act, said assignee, and said assignee's successors and assigns, lication, including any and all divisions and continuations thereof, which may be granted therefor, including any and all renewals, e rights, powers, privileges and advantages in anywise arising e term or terms of any and all such patents when granted, prolongations thereof, for the use and benefit of said assignee, in as ample and beneficial a manner as the said assignor might his assignment had not been made.
AND said assignor hereby agrees to p successors or assigns, any and all acts relatin any and all renewals, reissues and prolongation	perform, upon the request of said assignee, or said assignee's or go to the obtaining or to the asserting of said patents, including ons thereof.
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This combined Declaration and Assigr opposite the undersigned name.	nment has been executed by the undersigned on the date
逐明者氏名/ Legal Name of Inventor	MIYANO, Tomoaki
後明者の署名/ Signature MI_YA/V0 To moodk i	日付/Date July 8, 2014



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The inventor declaration for said application is combine	ed herewith.
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爱明者氏名/ Legal Name of Inventor	SATO, Kiyokazu
発明者の署名/ Signature というなってい \$0.10	日付/ Date July 8, 2014



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登明者氏名/ Legal Name of Inventor	KIHARA, Akio
後明者の署名/ Signature 人 kio K', ha ra	B付/Date July 8, 2014



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[] said application having been filed under the Patent Serial No, the United S	t Cooperation Treaty on, as States of America being designated.
<u>612-8501 JAPAN</u> , hereinafter referred to as the assig interest in and to said application, including any and a	N of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto pnee, is desirous of acquiring the entire right, title and all divisions and continuations thereof, and in and to said ed therefor, including any and all renewals, reissues and
paid by said assignee to said assignor, the receipt of assigns, sells and transfers to said assignee, and said exclusive right, title and interest in and to said applicathereof, and in and to said invention and any and all pall renewals, reissues and prolongations thereof; said to have, hold, exercise and enjoy the said application, and the said invention and any and all patents which reissues and prolongations thereof, with all the rights from or appertaining thereto, for and during the term cincluding any and all renewals, reissues and prolongations.	ation, including any and all divisions and continuations patents which may be granted therefor, including any and assignee, and said assignee's successors and assigns, including any and all divisions and continuations thereof, may be granted therefor, including any and all renewals, powers, privileges and advantages in anywise arising or terms of any and all such patents when granted, ations thereof, for the use and benefit of said assignee, mple and beneficial a manner as the said assignor might
AND said assignor hereby agrees to perform successors or assigns, any and all acts relating to the any and all renewals, reissues and prolongations the	, upon the request of said assignee, or said assignee's a obtaining or to the asserting of said patents, including reof.
AND said assignor authorizes and requests t Letters Patent on said application, and on any and all o said assignee's successors and assigns, in accordan	the Commissioner of Patents and Trademarks to issue divisions and continuations thereof, to said assignee, and ice herewith.
The undersigned hereby grants the law firm on the Assignment portion of this combined Declaration necessary or desirable in order to comply with the recordation of this document.	of STUDEBAKER & BRACKETT PC the power to insert icn and Assignment any further identification which may rules of the U.S. Patent and Trademark Office for
This combined Declaration and Assignment to opposite the undersigned name.	has been executed by the undersigned on the date
發明者氏名/ Legal Name of Inventor	KAZAMA, Shun
発明者の署名/ Signature	B付/Date July 8, 2014



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: 71
	Date: <u>11/15/2012</u>



,	
The inventor declaration for said application is combin	ned herewith.
[X] said application to be filed in the United States Pa	atent and Trademark Office;
[] said application having been filed in the United Sta authorization being hereby given to the practitioners a <u>CUSTOMER NUMBER 78198</u> , to insert here in paren application serial number of said application when kno	associated with <u>STUDEBAKER & BRACKETT PC's</u> ntheses (Application Serial No) the
[] said application having been filed under the Patent Serial No the United S	t Cooperation Treaty on, as States of America being designated.
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AND said assignor hereby agrees to perform successors or assigns, any and all acts relating to the any and all renewals, reissues and prolongations the	i, upon the request of said assignee, or said assignee's e obtaining or to the asserting of said patents, including reof.
AND said assignor authorizes and requests t Letters Patent on said application, and on any and all o said assignee's successors and assigns, in accordan	the Commissioner of Patents and Trademarks to issue divisions and continuations thereof, to said assignee, and use herewith.
The undersigned hereby grants the law firm on the Assignment portion of this combined Declarati be necessary or desirable in order to comply with the recordation of this document.	of STUDEBAKER & BRACKETT PC the power to insert ion and Assignment any further identification which may rules of the U.S. Patent and Trademark Office for
This combined Declaration and Assignment lopposite the undersigned name.	has been executed by the undersigned on the date
発明者氏名/ Legal Name of Inventor	KATAYAMA, Yasuhiro
発明者の署名/ Signature Yasuhiyo Katayawa	日付/ Date July 8, 2014

Page 2 of 2

RECORDED: 07/30/2014