#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Kazuhiro YOSHIDA	08/02/2013
Teiji YAMAMOTO	07/29/2013
Akira KUMADA	08/07/2013

### **RECEIVING PARTY DATA**

Name:	MURATA MANUFACTURING CO., LTD.
Street Address:	10-1, Higashikotari 1-chome
Internal Address:	Nagaokakyo-shi
City:	Kyoto-fu
State/Country:	JAPAN
Postal Code:	617-8555

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14029635

### **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

Address Line 4: Reston, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	002000-132
NAME OF SUBMITTER:	Tim L. Brackett, Jr.
Signature:	/Tim L. Brackett, Jr./

502499123 REEL: 031226 FRAME: 0092

OP \$40 00 14029635

Date:	09/17/2013
Total Attachments: 6 source=DEC_ASN#page1.tif source=DEC_ASN#page2.tif source=DEC_ASN#page3.tif source=DEC_ASN#page4.tif source=DEC_ASN#page5.tif source=DEC_ASN#page6.tif	

PATENT REEL: 031226 FRAME: 0093



# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Title of Invention:	
LIGHT-EMITTING-ELEMENT MOUNT SU	BSTRATE AND LED 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:
<ul><li>□ 孫付された出願、あるいは、</li><li>□ 米国出願番号またはPCT国際出願番号は、</li><li>□ であり、且つ</li><li>□ の日に出願された出願(該当する場合)</li></ul>	The attached application, or United States application or PCT international application number filed on
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 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.  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: 11/15/2012

Page 1 of 2



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

improvement relating to the above identified approach	
The inventor declaration for said application is combi	ined herewith.
[X] said application to be filed in the United States Pa	atent and Trademark Office;
[] said application having been filed in the United State authorization being hereby given to the practitioners of CUSTOMER NUMBER 78198, to insert here in pare application serial number of said application when kn	associated with STUDEBAKER & BRACKETT PC's entheses (Application Serial No) the
[ ] said application having been filed under the Paten Serial No, the United S	
Kyoto-fu 617-8555 JAPAN, hereinafter referred to as and interest in and to said application, including any	the assignee, is desirous of acquiring the entire right, title and all divisions and continuations thereof, and in and to granted therefor, including any and all renewals, reissues
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 applicate thereof, 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 including any and all renewals, reissues and prolongations.	ation, including any and all divisions and continuations patents which may be granted therefor, including any and diassignee, and said assignee's successors and assigns, including any and all divisions and continuations thereof, may be granted therefor, including any and all renewals, so 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 e obtaining or to the asserting of said patents, including ereof.
	the Commissioner of Patents and Trademarks to issue divisions and continuations thereof, to said assignee, and noe herewith.
The undersigned hereby grants the law firm on the Assignment portion of this combined Declarat 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 arules of the U.S. Patent and Trademark Office for
This combined Declaration and Assignment opposite the undersigned name.	has been executed by the undersigned on the date
発明者氏名/ Legal Name of Inventor	Kazuhiro YOSHIDA
発明者の署名/ Signature 3/ / / / /	H付/Date 2nd Ava 2013
4-Waham Lockidh	LIA GIVO LIV

Page 2 of 2



# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Title of Invention:	
LIGHT-EMITTING-ELEMENT MOUNT SU	BSTRATE AND LED 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:
<ul><li>□ 添付された出願、あるいは、</li><li>□ 米国出願番号またはPCT国際出願番号は、</li><li>□ であり、且つ</li><li>□ の日に出願された出願(該当する場合)</li></ul>	The attached application, or United States application or PCT international application number filed on
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:
	Date: <u>11/15/2012</u>

Page 1 of 2



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

maporosistic rotating to the above rational approaches.
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 &amp; 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 <u>Murata Manufacturing Co., Ltd.</u> of <u>10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555 JAPAN</u> , 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 Teiji YAMAMOTO
発明者の署名/ Signature 4/ 日付/ Date
Levi Jamano (2) July 29, 20/3



# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Title of Invention:	
LIGHT-EMITTING-ELEMENT MOUNT SU	BSTRATE AND LED 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:
<ul><li>□ 添付された出願、あるいは、</li><li>□ 米国出願番号またはPCT国際出願番号は、</li><li>□ であり、且つ</li><li>□ の日に出願された出願(該当する場合)</li></ul>	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.  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: 11/15/2012

Page 1 of 2



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

The solution of the same decrease of the same same same same same same same sam
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 STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, 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 <u>Murata Manufacturing Co., Ltd.</u> of <u>10-1</u> , <u>Higashikotari 1-chome</u> , <u>Nagaokakyo-shi</u> , <u>Kyoto-fu 617-8555 JAPAN</u> , 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 Akira KUMADA
発明者の署名/ Signature 日付/ Date August 7, 20/3
Akira Kumada Angust 9,20/3

Page 2 of 2