

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satoki SAKAI</td> <td>02/05/2013</td> </tr> <tr> <td>Keishiro AMAYA</td> <td>02/05/2013</td> </tr> <tr> <td>Eita TAMEZAWA</td> <td>02/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Satoki SAKAI	02/05/2013	Keishiro AMAYA	02/05/2013	Eita TAMEZAWA	02/05/2013				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>MURATA MANUFACTURING CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>10-1, Higashikotari 1-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Nagaokakyo-shi</td> </tr> <tr> <td>City:</td> <td>Kyoto-fu</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>617-8555</td> </tr> </table>		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
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13766379</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13766379								
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Application Number:	13766379												
CORRESPONDENCE DATA													
<p>Fax Number: 7033901277 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703 390 9051 Email: info@sbpatentlaw.com</p> <p>Correspondent Name: Studebaker & Brackett PC Address Line 1: 12700 Sunrise Valley Drive Address Line 2: Suite 102 Address Line 4: Reston, VIRGINIA 20191</p>													
ATTORNEY DOCKET NUMBER:	003400-MM0014												
NAME OF SUBMITTER:	Tim L. Brackett, Jr.												
This document serves as an Oath/Declaration (37 CFR 1.63).													

OP \$40.00 13766379

Total Attachments: 6

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

Title of Invention:

ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING THE SAME

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
_____ の日に提出された出願（該
当する場合）

☒ 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に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

WHEREAS Keishiro AMAYA,
hereinafter referred to as the assignor, has invented a certain improvement relating to:

ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING THE SAME

The inventor declaration for said application is combined herewith.

☒ 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 MURATA MANUFACTURING CO., LTD. of 10-1, Higashikotari 1-chome,
Nagaokakyo-shi, Kyoto-fu 617-8555 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
recording 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
	Keishiro AMAYA
発明者の署名	Signature
日付	Date
	Keishiro Amaya February 5, 2013

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私は、以下に記名された発明者として、ここに下記
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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に記載された発明に対
する発明者であるか、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
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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

WHEREAS Satoki SAKAI,
hereinafter referred to as the assignor, has invented a certain improvement relating to:

ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING THE SAME

The inventor declaration for said application is combined herewith.

☒ 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 MURATA MANUFACTURING CO., LTD. of 10-1, Higashikotari 1-chome,
Nagaokakyo-shi, Kyoto-fu 617-8555 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
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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,
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AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's
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AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue
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be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for
recording 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
	Satoki SAKAI
発明者の署名	Signature
日付	Date
	Satoki Sakai February 5, 2013

2013
Feb. 5, '13
85

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か、あるいは私がその作成を許可したものである。

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私は、本米国出願の請求範囲に記載された発明に対
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English language Declaration and Assignment for Patent
and Design Applications

Signature: _____

Date: 11/15/2012

WHEREAS Eita TAMEZAWA,
hereinafter referred to as the assignor, has invented a certain improvement relating to:

ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING THE SAME

The inventor declaration for said application is combined herewith.

☒ 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, _____
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thereof, and in and to said invention and any and all patents which may be granted therefor, including any and
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opposite the undersigned name.

発明者氏名	Legal Name of Inventor
	Eita TAMEZAWA
発明者の署名	Signature
日付	Date
	Eita Tamezawa February 5, 2013