

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi ICHIMURA	06/20/2011
Takanobu NARUSE	06/14/2011
Chiaki FUJII	06/14/2011

RECEIVING PARTY DATA

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

Name:	RENESAS ELECTRONICS CORPORATION
Street Address:	1753, Shimonumabe, Nakahara-ku
Internal Address:	Kawasaki-shi
City:	Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13156049

CORRESPONDENCE DATA

Fax Number: (703)390-1277
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 703 390 9054
 Email: dave.washington@sbpatentlaw.com
 Correspondent Name: Stuebaker & Brackett PC

OP \$40.00 13156049

Address Line 1: One Fountain Square
Address Line 2: 11911 Freedom Drive, Suite 750
Address Line 4: Reston, VIRGINIA 20190

ATTORNEY DOCKET NUMBER:	004400-MM0004
-------------------------	---------------

NAME OF SUBMITTER:	Tim L. Brackett, Jr.
--------------------	----------------------

Total Attachments: 2 source=ASN#page1.tif source=ASN#page2.tif
--

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Takashi ICHIMURA, Takanobu NARUSE and Chiaki FUJII hereinafter referred to collectively as the assignor, has invented a certain improvement relating to:

WIRING SUBSTRATE IN WHICH EQUAL-LENGTH WIRES ARE FORMED

[] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[X] said application having been filed in the United States Patent and Trademark Office on, June 8, 2011 - authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. 13/156,049) 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 617-8555 JAPAN, and RENESAS ELECTRONICS CORPORATION of 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 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 grant(s) the law firm of STUDEBAKER & BRACKETT PC 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 U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 6/20/2011 Signature: Takashi Ichimura
Name: Takashi ICHIMURA

Date: _____ Signature: _____
Name: Takanobu NARUSE

Date: _____ Signature: _____
Name: Chiaki FUJII

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Takashi ICHIMURA, Takanobu NARUSE and Chiaki FUJII hereinafter referred to collectively as the assignor, has invented a certain improvement relating to:

WIRING SUBSTRATE IN WHICH EQUAL-LENGTH WIRES ARE FORMED

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; 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 617-8555 JAPAN, and RENESAS ELECTRONICS CORPORATION of 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 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 grant(s) the law firm of STUDEBAKER & BRACKETT PC 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 U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: Signature: Name: Takashi ICHIMURA
Date: June 14, 2011 Signature: Takanobu NARUSE Name: Takanobu NARUSE
Date: June 14, 2011 Signature: Chiaki FUJII Name: Chiaki FUJII