

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4568969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHIHITO OTSUBO	08/29/2016
NORIO SAKAI	08/29/2016
MITSUYOSHI NISHIDE	08/29/2016
SHINICHIRO BANBA	08/29/2016
TETSUYA KANAGAWA	08/26/2016
ATSUKO OMORI	08/31/2016
TATSUYUKI YAMADA	08/24/2017
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15253151
CORRESPONDENCE DATA	
Fax Number:	(216)579-6073
<i>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.</i>	
Phone:	216-579-1700
Email:	lzakelj@pearne.com
Correspondent Name:	PEARNE & GORDON, LLP
Address Line 1:	1801 EAST 9TH STREET
Address Line 2:	SUITE 1200
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	MURATA-56360
NAME OF SUBMITTER:	AARON A. FISHMAN
SIGNATURE:	/Aaron A. Fishman/

PATENT

DATE SIGNED:	08/28/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=MURATA-56360-UpdatedDeclarationAssignment#page1.tif source=MURATA-56360-UpdatedDeclarationAssignment#page2.tif source=MURATA-56360-UpdatedDeclarationAssignment#page3.tif source=MURATA-56360-UpdatedDeclarationAssignment#page4.tif source=MURATA-56360-UpdatedDeclarationAssignment#page5.tif source=MURATA-56360-UpdatedDeclarationAssignment#page6.tif source=MURATA-56360-UpdatedDeclarationAssignment#page7.tif source=MURATA-56360-UpdatedDeclarationAssignment#page8.tif	

**DECLARATION AND ASSIGNMENT
FOR US UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: MURATA-56360

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

INDUCTOR DEVICE, INDUCTOR ARRAY, MULTILAYER SUBSTRATE AND
METHOD FOR MANUFACTURING INDUCTOR DEVICE

(check only one item below)

attached hereto,

OR

filed on (YYYY/MM/DD) 2015/02/23 as United States Application Number or PCT
International Application Number PCT/JP2015/054999.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the
above-identified application.

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.

WHEREAS, new and useful improvements have been made by the undersigned as
described in the above-identified application.

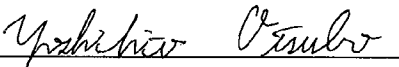
WHEREAS, Murata Manufacturing Co., Ltd. having a place of business at 10-1,
Higashikotari 1-chome, Nagaokakyo-shi, Kyoto, 617-8555, Japan, hereafter referred to as
"assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and
under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United
States and throughout the world, in, to and under said improvements and inventions and all
patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and
therein, including without limitation said application for patent in the United States, all
divisions and continuations thereof, all patents which may be granted thereon, all reissues and
extensions thereof, all right to sue for past infringement thereunder, all patents which may be
granted for said improvements and inventions by states or nations other than the United
States, or by other authority, entity, or organization, and all applications therefor, have been
and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and

assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Yoshihito Otsubo

Signature of Inventor: 

Date: August 29, 2016

Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Additional Inventor(s)

Legal Name of Inventor: Norio Sakai

Signature of Inventor: *Norio Sakai*

Date: Aug. 29th, 2016

Legal Name of Inventor: Mitsuyoshi Nishide

Signature of Inventor: *Mitsuyoshi Nishide*

Date: August 29, 2016

Legal Name of Inventor: Shinichiro Banba

Signature of Inventor: *Shinichiro Banba*

Date: August 29, 2016

Legal Name of Inventor: Tatsuyuki Yamada

Signature of Inventor: _____

Date: _____

Legal Name of Inventor: Tetsuya Kanagawa

Signature of Inventor: Tetsuya Kanagawa

Date: August 26, 2016

Legal Name of Inventor: Atsuko Omori

Signature of Inventor: Atsuko Omori

Date: August 31, 2016

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Attorney Docket No.: MURATA-56360

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under said improvements and inventions and patent rights therefor.

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sufficiency of which are hereby acknowledged, all right, title, and interest, in the United
States and throughout the world, in, to and under said improvements and inventions and all
patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and
therein, including without limitation said application for patent in the United States, all
divisions and continuations thereof, all patents which may be granted thereon, all reissues and
extensions thereof, all right to sue for past infringement thereunder, all patents which may be
granted for said improvements and inventions by states or nations other than the United
States, or by other authority, entity, or organization, and all applications therefor, have been
and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and

assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

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Signature of Inventor: _____

Date: _____

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Signature of Inventor: _____

Date: _____

Legal Name of Inventor: Mitsuyoshi Nishide

Signature of Inventor: _____

Date: _____

Legal Name of Inventor: Shinichiro Banba

Signature of Inventor: _____

Date: _____

Legal Name of Inventor: Tatsuyuki Yamada

Signature of Inventor: Tatsuyuki Yamada

Date: Aug. 24, 2017

Legal Name of Inventor: Tetsuya Kanagawa

Signature of Inventor: _____

Date: _____

Legal Name of Inventor: Atsuko Omori

Signature of Inventor: _____

Date: _____