

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hitoshi TSUJI</td> <td>08/20/2010</td> </tr> <tr> <td>Sadao YAMASHITA</td> <td>08/23/2010</td> </tr> <tr> <td>Takao KAKINOKI</td> <td>08/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hitoshi TSUJI	08/20/2010	Sadao YAMASHITA	08/23/2010	Takao KAKINOKI	08/23/2010		
Name	Execution Date										
Hitoshi TSUJI	08/20/2010										
Sadao YAMASHITA	08/23/2010										
Takao KAKINOKI	08/23/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Murata Manufacturing Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>10-1 Higashikotari 1-chome</td> </tr> <tr> <td>City:</td> <td>Nagaokakyo-shi, 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	City:	Nagaokakyo-shi, Kyoto-fu	State/Country:	JAPAN	Postal Code:	617-8555
Name:	Murata Manufacturing Co., Ltd.										
Street Address:	10-1 Higashikotari 1-chome										
City:	Nagaokakyo-shi, Kyoto-fu										
State/Country:	JAPAN										
Postal Code:	617-8555										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12870889</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12870889						
Property Type	Number										
Application Number:	12870889										
CORRESPONDENCE DATA											
<p>Fax Number: (571)313-7421 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 571-313-7440 Email: mrhodes@kbiplaw.com Correspondent Name: Keating & Bennett LLP Address Line 1: 1800 Alexander Bell Dr. Address Line 2: Suite 200 Address Line 4: Reston, VIRGINIA 20191</p>											
ATTORNEY DOCKET NUMBER:	36856.2089										
NAME OF SUBMITTER:	Michelle Rhodes										
<p>Total Attachments: 2 source=36856-2089-PTO-20100830-Signed_Assignment#page1.tif</p>											

OP \$40.00 12870889

501275656

PATENT
REEL: 024903 FRAME: 0815

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Hitoshi TSUJI, Sadao YAMASHITA and Takao KAKINOKI** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **INDUCTOR AND DC-DC CONVERTER** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
X filed on 08/30/10 as Serial No. 12/870,889.

WHEREAS, **Murata Manufacturing Co., Ltd., 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: August 20, 2010

Hitoshi Tsuji
Hitoshi TSUJI

Dated: August 23, 2010

Sadao Yamashita
Sadao YAMASHITA

Dated: _____

Takao KAKINOKI

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Hitoshi TSUJI, Sadao YAMASHITA and Takao KAKINOKI** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **INDUCTOR AND DC-DC CONVERTER** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
_____ filed on _____ as Serial No. _____.

WHEREAS, **Murata Manufacturing Co., Ltd., 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: _____

Hitoshi TSUJI

Dated: _____

Sadao YAMASHITA

Dated: 23. August, 2010

T. Kakinoki

Takao KAKINOKI