

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Kumiko HIEHATA</td> <td>02/15/2012</td> </tr> <tr> <td>Takahiro SUMI</td> <td>02/15/2012</td> </tr> <tr> <td>Jun ADACHI</td> <td>02/16/2012</td> </tr> <tr> <td>Jun URAKAWA</td> <td>02/20/2012</td> </tr> <tr> <td>Takayuki TSUKIZAWA</td> <td>02/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kumiko HIEHATA	02/15/2012	Takahiro SUMI	02/15/2012	Jun ADACHI	02/16/2012	Jun URAKAWA	02/20/2012	Takayuki TSUKIZAWA	02/17/2012
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Takayuki TSUKIZAWA	02/17/2012												
RECEIVING PARTY DATA													
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13407790</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13407790								
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Application Number:	13407790												
CORRESPONDENCE DATA													
Fax Number:	(571)313-7421												
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Address Line 1:	1800 Alexander Bell Drive												
Address Line 2:	Suite 200												
Address Line 4:	Reston, VIRGINIA 20191												
ATTORNEY DOCKET NUMBER:	36856.2374												
NAME OF SUBMITTER:	Maura Florimonte												
Total Attachments: 2 source=36856-2374-PTO-20120229-Assignment#page1.tif source=36856-2374-PTO-20120229-Assignment#page2.tif													

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PATENT

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Kumiko HIEHATA, Takahiro SUMI, Jun ADACHI, Jun URAKAWA** and **Takayuki TSUKIZAWA** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **ESD PROTECTION DEVICE AND METHOD FOR MANUFACTURING SAME** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
x filed on 02-29-12 as Serial No. 13/407,790.

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: February 15, 2012

Kumiko HIEHATA
Kumiko HIEHATA

Dated: February 15, 2012

Takahiro SUMI
Takahiro SUMI

Dated: February 16, 2012

Jun ADACHI
Jun ADACHI

Dated: February 20, 2012

Jun Urakawa
Jun URAKAWA

Dated: February 17, 2012

Takayuki TSUKIZAWA
Takayuki TSUKIZAWA