

PATENT ASSIGNMENT

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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>Noboru KATO</td> <td>01/25/2012</td> </tr> <tr> <td>Jun SASAKI</td> <td>01/25/2012</td> </tr> <tr> <td>Satoshi ISHINO</td> <td>01/25/2012</td> </tr> <tr> <td>Katsumi TANIGUCHI</td> <td>01/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Noboru KATO	01/25/2012	Jun SASAKI	01/25/2012	Satoshi ISHINO	01/25/2012	Katsumi TANIGUCHI	01/25/2012
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<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>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
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CORRESPONDENCE DATA											
<p>Fax Number: (571)313-7421</p> <p>Phone: 571-313-7440</p> <p>Email: mrhodes@kbiplaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Keating & Bennett LLP</p> <p>Address Line 1: 1800 Alexander Bell Dr.</p> <p>Address Line 2: Suite 200</p> <p>Address Line 4: Reston, VIRGINIA 20191</p>											
ATTORNEY DOCKET NUMBER:	36856.2390										
NAME OF SUBMITTER:	Michelle Rhodes										
<p>Total Attachments: 2</p> <p>source=36856-2390-PTO-20120208-Signed_Assignment#page1.tif</p> <p>source=36856-2390-PTO-20120208-Signed_Assignment#page2.tif</p>											

OP \$40.00 13368358

Attorney Docket No.: 36856.2390

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Noboru KATO, Jun SASAKI, Satoshi ISHINO, and Katsumi TANIGUCHI** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **ANTENNA MODULE** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
X _____ filed on 02/08/12 as Serial No. 13/368,358.

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: January 25, 2012

Noboru Kato
Noboru KATO

Dated: January 25, 2012

Jun Sasaki
Jun SASAKI

Dated: Jan. 25, 2012

Satoshi Ishino
Satoshi ISHINO

Dated: January 25, 2012

Katsumi Taniguchi
Katsumi TANIGUCHI