

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Yuya DOKAI</td><td>12/25/2008</td></tr><tr><td>Noboru KATO</td><td>12/25/2008</td></tr></tbody></table>	Name	Execution Date	Yuya DOKAI	12/25/2008	Noboru KATO	12/25/2008	
Name	Execution Date						
Yuya DOKAI	12/25/2008						
Noboru KATO	12/25/2008						
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>12350307</td></tr></tbody></table>	Property Type	Number	Application Number:	12350307			
Property Type	Number						
Application Number:	12350307						
CORRESPONDENCE DATA							
Fax Number:	(571)313-7421						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(571) 313-7440						
Email:	mflorimonte@kbiplaw.com						
Correspondent Name:	Keating & Bennett LLP						
Address Line 1:	1800 Alexander Bell Drive						
Address Line 2:	Suite 200						
Address Line 4:	Reston, VIRGINIA 20191						
ATTORNEY DOCKET NUMBER:	36856.1772						
NAME OF SUBMITTER:	Maura Florimonte						
Total Attachments: 1 source=36856-1772-PTO-20090108-Assignment#page1.tif							

OP \$40.00 12350307

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PATENT
REEL: 022075 FRAME: 0206

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Yuya DOKAI**, and **Noboru KATO** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **ANTENNA AND RADIO IC DEVICE** which application for Letters Patent of the United States has been

_____ executed on even date herewith;
X filed on 11/8/09 as Serial No. 12/350 307.

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: 12/25/2008

Yuya Dokai
Yuya DOKAI

Dated: 12/25/2008

Noboru Kato
Noboru KATO