

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3130354

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NOBORU KATO	10/27/2011
JUN SASAKI	10/27/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Murata Manufacturing Co., Ltd.
<b>Street Address:</b>	10-1 Higashikotari 1-chome
<b>City:</b>	Nagaokakyo-shi, Kyoto-fu
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	617-8555
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14557609
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(571)313-7421
<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>	
<b>Phone:</b>	571-313-7440
<b>Email:</b>	mrhodes@kbiplaw.com
<b>Correspondent Name:</b>	KEATING & BENNETT LLP
<b>Address Line 1:</b>	1800 ALEXANDER BELL DR.
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	RESTON, VIRGINIA 20191
<b>ATTORNEY DOCKET NUMBER:</b>	36856.3167
<b>NAME OF SUBMITTER:</b>	MICHELLE RHODES
<b>SIGNATURE:</b>	/AMD/mr/
<b>DATE SIGNED:</b>	12/02/2014
<b>Total Attachments: 1</b>	
source=36856-3167-PTO-20141202-Assignment#page1.tif	

Attorney Docket No.: 36856.2337

**ASSIGNMENT (WORLDWIDE)**

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

\_\_\_\_\_ executed on even date herewith;  
  X   filed on 11-11-11 as Serial No. 13/294,310.

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: October, 27, 2011

Noboru Kato  
Noboru KATO

Dated: October, 27, 2011

Jun Sasaki  
Jun SASAKI