## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Takashi NOMA	06/01/2009
Jun SASAKI	06/01/2009
Kosuke YAMADA	06/01/2009

## **RECEIVING PARTY DATA**

Name:	MURATA MANUFACTURING CO., LTD.	
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City:	Kyoto	
State/Country:	JAPAN	
Postal Code:	617-8555	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12486477

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Tim L. Brackett, Jr.

Total Attachments: 1 source=ASN#page1.tif

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PATENT

REEL: 022839 FRAME: 0563

# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

assignor, has invented a co	cashi NOMA, Jun SASAKI and Kosuke YAMADA hereinafter referred to as the ertain improvement relating to: MULTILAYER ELECTRONIC COMPONENT AND NT MODULE INCLUDING THE SAME
[X ] the inventor(s) declaration instrument; said application to be	n for said application being executed concurrently with the execution of this e filed in the United States Patent and Trademark Office;
authorization being hereby give	filed in the United States Patent and Trademark Office on, en to the practitioners associated with the <u>STUDEBAKER &amp; BRACKETT PC</u> to insert here in parentheses (Application Serial No) the dapplication when known;
[ ] said application having been Serial No.	filed under the Patent Cooperation Treaty on, as, the United States of America being designated.
Kyoto-fu, Japan 617-8555 herei and interest in and to said appli	nata Manufacturing Co., Ltd. of 10-1, Higashikotari 1-chome, Nagaokakyo-shi, mafter referred to as the assignee, is desirous of acquiring the entire right, title cation, including any and all divisions and continuations thereof, and in and to atents which may be granted therefor, including any and all renewals, reissues
valuable consideration paid by said assignor hereby assigns, assigns, the full and exclusive r and continuations thereof, and including any and all renewals successors and assigns, to have and continuations thereof, and including any and all renewals, advantages in anywise arising frepatents when granted, including benefit of said assignee, and sa	said assignee to said assignor, the receipt of which is hereby acknowledged, sells and transfers to said assignee, and said assignee's successors and ght, title and interest in and to said application, including any and all divisions in and to said invention and any and all patents which may be granted therefor, is, reissues and prolongations thereof; said assignee, and said assignee's e, hold, exercise and enjoy the said application, including any and all divisions the said invention and any and all patents which may be granted therefor, reissues and prolongations thereof, with all the rights, powers, privileges and om or appertaining thereto, for and during the term or terms of any and all such g any and all renewals, reissues and prolongations thereof, for the use and id assignee's successors and assigns, in as ample and beneficial a manner as have held and enjoyed the same, if this assignment had not been made.
AND said assignor here successors or assigns, any and any and all renewals, reissues a	eby agrees to perform, upon the request of said assignee, or said assignee's all acts relating to the obtaining or to the asserting of said patents, including and prolongations thereof.
Letters Patent on said applicatio	norizes and requests the Commissioner of Patents and Trademarks to issue n, and on any and all divisions and continuations thereof, to said assignee, and assigns, in accordance herewith.
on this Assignment any further i	y grant(s) the law firm of STUDEBAKER & BRACKETT PC the power to insert dentification which may be necessary or desirable in order to comply with the demark Office for recordation of this document.
In witness thereof, this A undersigned name(s).  Date: June   , 200	Assignment has been executed by the undersigned on the date(s) opposite the  Signature: Takashi NOMA  Name: Takashi NOMA
Date: June 1. 2009	Signature: har Clasoke Name: Jun SASAKI
Date: June 1, 2009	Signature: Kopuke Yamada Name: Kosuke YAMADA
If not, then the execution by the	preferably be acknowledged before a United States Consul or Notary Public. Inventor(s) should be witnessed by two other persons who should sign here.
Witness name:	
Witness name:	Signature:

PATENT
RECORDED: 06/17/2009 REEL: 022839 FRAME: 0564