

PATENT ASSIGNMENT

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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>Masashi MIYAZAKI</td> <td>10/31/2012</td> </tr> <tr> <td>Yuichi SUGIYAMA</td> <td>10/31/2012</td> </tr> <tr> <td>Yoshiki HAMADA</td> <td>10/31/2012</td> </tr> <tr> <td>Yutaka HATA</td> <td>10/31/2012</td> </tr> <tr> <td>Hideki YOKOTA</td> <td>10/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Masashi MIYAZAKI	10/31/2012	Yuichi SUGIYAMA	10/31/2012	Yoshiki HAMADA	10/31/2012	Yutaka HATA	10/31/2012	Hideki YOKOTA	10/31/2012
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CORRESPONDENCE DATA													
<p>Fax Number: 9494578297 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-457-8296 Email: KAPAT@KAPATLAW.COM Correspondent Name: Law Office of Katsuhiro Arai Address Line 1: 22471 Aspan Street Address Line 2: Suite 205 C Address Line 4: Lake Forest, CALIFORNIA 92630</p>													
ATTORNEY DOCKET NUMBER:	TAYUX.090249AP												
NAME OF SUBMITTER:	Katsuhiro Arai												
Total Attachments: 2 source=ASSIGNMENT_TAYUX090249#page1.tif source=ASSIGNMENT_TAYUX090249#page2.tif													

CH \$40.00 13642469

ASSIGNMENT

WHEREAS, the undersigned inventor(s) have/has invented certain new and useful improvements in

ELECTRONIC COMPONENT TO BE EMBEDDED IN SUBSTRATE AND COMPONENT-EMBEDDED SUBSTRATE

for which the undersigned inventor(s)

☐ will file an application for Letters Patent in the United States identified as Attorney Docket Number shown in the top margin (hereinafter "Application");

☐ have/has filed an application, International Application No. _____, filed _____, under the Patent Cooperation Treaty, which will enter the U.S. National Phase under 35 U.S.C. §371 (hereinafter "Application");

☒ have/has filed an application for Letters Patent in the United States, Application No. **13/642,469**, filed **October 19, 2012** (hereinafter "Application");

AND WHEREAS, TAIYO YUDEN CO., LTD, a Japanese corporation, with its principal place of business at 16-20, Ueno 6-chome, Taito-ku, Tokyo, 110-0005, Japan (hereinafter "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said improvements and said Application;

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor(s) do/does hereby acknowledge that the undersigned inventor(s) have/has sold, assigned, transferred and set over, and by these presents do/does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and the undersigned inventor(s) hereby authorize(s) and request(s) the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND THE UNDERSIGNED INVENTOR(S) DO/DOES HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including,

but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance;

AND THE UNDERSIGNED INVENTOR(S) HEREBY covenant(s) and agree(s) that the undersigned inventor(s) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to the undersigned inventor(s) respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, the undersigned inventor(s) execute(s) this assignment:

NAME OF SOLE OR FIRST INVENTOR	
first and middle [if any]	FAMILY NAME
Masashi	MIYAZAKI
Inventor's Signature <i>Masashi Miyazaki</i>	Date <i>10/31/2012</i>
NAME OF SECOND INVENTOR	
first and middle [if any]	FAMILY NAME
Yuichi	SUGIYAMA
Inventor's Signature <i>Yuichi Sugiyama</i>	Date <i>10/31/2012</i>
NAME OF THIRD INVENTOR	
first and middle [if any]	FAMILY NAME
Yoshiki	HAMADA
Inventor's Signature <i>Yoshiki Hamada</i>	Date <i>10/31/2012</i>
NAME OF FOURTH INVENTOR	
first and middle [if any]	FAMILY NAME
Yutaka	HATA
Inventor's Signature <i>Yutaka Hata</i>	Date <i>10/31/2012</i>
NAME OF FIFTH INVENTOR	
first and middle [if any]	FAMILY NAME
Hideki	YOKOTA
Inventor's Signature <i>Hideki Yokota</i>	Date <i>10/31/2012</i>