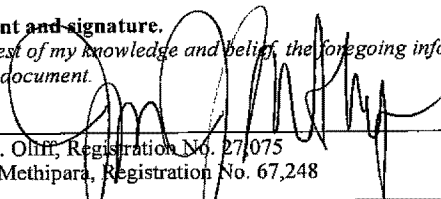


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				Attorney Docket No. <u>155160</u>	
Please record the attached document. Total number of pages including cover sheet, attachments, and document: <u>3</u>					
1. A. Name of conveying parties: [1] Minoru SATOH [2] Takehiro YAMASHITA [3] Atsushi NAGAI [4] Yasuo ADACHI B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving parties: [1] TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU, TOKYO 1038272, JAPAN [2] NORITAKE CO., LIMITED 3-1-36 NORITAKESHINMACHI, NISHI-KU, NAGOYA-SHI, AICHI 4518501, JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>[1] - 10/26/2012 and</u> <u>[2] - [4] - 10/18/2012</u>					
4. A. Patent Application No. <u>13/696,862</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No C. Title of Application: <u>ELECTRONIC COMPONENT AND METHOD FOR PRODUCING SAME</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> . 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  _____ James A. Oliff, Registration No. 27,075 Jomy J. Methipara, Registration No. 67,248 </div> <div style="width: 35%; text-align: right;"> Date: <u>November 8, 2012</u> </div> </div>					

CH \$40.00 150461 13696862

ASSIGNMENT (Two Assignees)

(1-8)	Insert Name(s) of Inventor(s)	(1) <u>Minoru SATOH</u> (2) <u>Takehiro YAMASHITA</u> (3) <u>Atsushi NAGAI</u>	(4) <u>Yasuo ADACHI</u> (5) _____ (6) _____
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In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First Assignee	(9A) <u>TDK CORPORATION</u>
(10A)	Insert Address of First Assignee	(10A) <u>1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272, JAPAN</u>
(9B)	Insert Name of Second Assignee	(9B) <u>NORITAKE CO., LIMITED</u>
(10B)	Insert Address of Second Assignee	(10B) <u>3-1-36 Noritakeshinmachi, Nishi-ku, Nagoya-shi, Aichi 4518501, JAPAN</u>

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11)	Insert Identification, such as Title, Case Number or Foreign Application Number	(11) <u>ELECTRONIC COMPONENT AND METHOD FOR PRODUCING SAME</u>
------	---	--

Attorney Docket No. 155160

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12)	Insert Date of Signing of Application	(12) on <u>October 26, 2012</u>
(13)	Alternative Identification for filed applications	(13) U.S. Application Serial Number <u>13/696,862</u> filed <u>November 8, 2012</u>

1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>October 26, 2012</u>	Inventor Signature	<u>Minoru Satoh</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>October 26, 2012</u>	Witness	<u>Hatsuko Murayama</u>
Date	<u>Oct. 26, 2012</u>	Witness	<u>Akihiro Furukichi</u>

PATENT

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ASSIGNMENT **(Two Assignees)**

(1-8) Insert Name(s) of Inventor(s)

(1) Minoru SATOH (4) Yasuo ADACHI
 (2) Takehiro YAMASHITA (5) _____
 (3) Atsushi NAGAI (6) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee (9A) TDK CORPORATION
 (10A) Insert Address of First Assignee (10A) 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272, JAPAN
 (9B) Insert Name of Second Assignee (9B) NORITAKE CO., LIMITED
 (10B) Insert Address of Second Assignee (10B) 3-1-36 Noritakeshinmachi, Nishi-ku, Nagoya-shi, Aichi 4518501, JAPAN

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number (11) ELECTRONIC COMPONENT AND METHOD FOR PRODUCING SAME
 Attorney Docket No. 155160

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application (12) on October 18, 2012

(13) Alternative Identification for filed applications (13) U.S. Application Serial Number 13/696,862
 filed November 8, 2012

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	_____	Inventor Signature	_____ (SEAL)
Date	<u>Oct 18, 2012</u>	Inventor Signature	<u>Takehiro Yamashita</u> (SEAL)
Date	<u>Oct 18, 2012</u>	Inventor Signature	<u>Atsushi Nagai</u> (SEAL)
Date	<u>Oct 18, 2012</u>	Inventor Signature	<u>Yasuo Adachi</u> (SEAL)
Date	_____	Inventor Signature	_____ (SEAL)
Date	_____	Inventor Signature	_____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>Oct. 18, 2012</u>	Witness	<u>Hiroyoshi Sato</u>
Date	<u>Oct. 18, 2012</u>	Witness	<u>Kenji Mabuchi</u>

PATENT