

**Our Docket No.:** 789\_075

	1019	978467 LLS Department of Com					
Form		U.S. Patent and Trademark					
		ENTS ONLY	2				
To t		Please record the attached original documents on hand thereof.	. =				
1.	Name of conveying party(ies)	2. Name and address of receiving party(ies):					
	Hideyuki SUZUKI and Masahiro ABE	Name: NGK Insulators, Ltd.					
Add	ditional name(s) of conveying parties attached $\checkmark$ No $OI/A9/02$	Address: 2-56, Suda-Cho, Mizuho-Ku Nagoya, Aichi-Prefecture 467-8530 Japan	7				
3.	Nature of Conveyance:	-					
	✓ Assignment Merger Security Agreement Change of Name Other	Additional name(s) attached?   ✓ No					
	Execution Date <u>January 15, 2002</u>	J					
4.	Application number(s) or patent number(s)						
	If this document is being filed together with a <b>NEW APPLICATION</b> , the execution date of this application is <u>January 15, 2002</u> .						
	A. Patent Application No.(s)  /0/059466  Additional Number	B. Patent No.(s)  ers attached? Yes   No					
5.	Name and address of party to whom correspondence  6. Total number of application and patents involved: 1						
٥.	concerning this document should be mailed:	o. Total number of approach of and patents involved. 1					
	Name: Stephen P. Burr  Address: BURR & BROWN P.O. Box 7068 Syracuse, NY 13261-7068 Telephone: (315) 233-8300 Facsimile: (315) 233-8320	<ul> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>✓ Enclosed</li> <li>✓ Authorized to charge any deficiency or credit any over payment to Deposit Account No. 50-1446.</li> <li>8. Charge Deposit account</li> </ul>					
DO NOT USE THIS SPACE							
9.							
	Stephen P. Burr Reg. No. 32,970	January 29, 2002  Date					
Total Number of Pages Comprising Cover Sheet 1							
	documents to be recorded with required cover sheet information to	Σ:					
	Commissioner of Patents and Trademarks  Box Assignments  Washington, D.C. 20231						

PATENT REEL: 012554 FRAME: 0090

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1)	Hideyuki SUZUKI	(5)			
	(2)	Masahiro ABE	(6)			
	(3)		(7)			
	(4)		(8)			
	In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to					
(9) Insert name of Assignee	(9)	NGK INSULATORS, LTD.				
(10) Insert address of Assignee	(10) 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREF. 467-8530, JAPAN					
	Ùnite	d States, its territories, dep plications for patent and an	signee) the entire right, title and interest for the endencies and possessions, in the invention, and y Letters Patent which may be granted therefor,			
(11) Insert Identification of Invention, such as Title, Case	(11)	ELECTRONIC COMPONENT AND METHOD FOR PRODUCING THE SAME				
Number or Foreign Application Number			(Case No.			
		which the undersigned have executed an application for patent in the United es of America				
(12) Insert Date of Signing of Application	(12)	on January 15, 20	02			
(13) Alternative identification	(13)	U.S. Application(s) Seria for filed application(s) filed	Number(s)ed			

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

PATENT REEL: 012554 FRAME: 0091

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and
all Letters Patents of the United States resulting from said application or any divisions or continuing
applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has
(they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and
will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) Stephen P. Burr, of BURR & BROWN the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

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

Date <u>Jan, 15-, 2002</u>	Signature	Hideyuka Suzuk	(SEAL)
Date Jan. 15, 2002	Signature	Hideyuki SUZUKI  Masalnio Abe  Masahiro ABE	(SEAL)
Date	Signature	Masaritto ADE	(SEAL)
Date	Signature		(SEAL)
		ned before: (a) a Notary Public if with it should be signed before at least two Sanae (alahashi	
	Witness	Miyuki Jokairin	

**RECORDED: 01/29/2002**