

**Our Docket No.:** 782\_214

Form PTO 1595	U.S. Patent and Trademark Office					
To the Honorable Commissioner of Patents and 120680.	38 ached original documents on hand thereof.					
Name of conveying party(ies)	2. Name and address of receiving party(ies):					
Hiromichi KOBAYASHI $4-27-02$	Name: NGK Insulators, Ltd.					
Additional name(s) of conveying parties attached <a href="#">M</a> No	Address: 2-56, Suda-Cho, Mizuho-Ku Nagoya, Aichi-Prefecture 467-8530 Japan					
3. Nature of Conveyance:						
✓ Assignment Merger Security Agreement Change of Name Other	Additional name(s) attached? 🗸 No					
Execution Date March 19, 2002						
4. Application number(s) or patent number(s)						
If this document is being filed together with a NEW APPLICATION, the execution date of this application is						
A. Patent Application No.(s)	B. Patent No.(s)					
10/055,724 filed January 23, 2002						
Additional Numbers attached? Yes No						
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of application and patents involved: 1					
Name: Stephen P. Burr	7. Total fee (37 CFR 3.41) \$40.00					
Address: BURR & BROWN	,					
P.O. Box 7068 Syracuse, NY 13261-7068	<ul> <li>Enclosed</li> <li>Authorized to charge any deficiency or credit any over payment to Deposit Account No. 50-1446.</li> </ul>					
Telephone: (315) 233-8300 Facsimile: (315) 233-8320	8. Charge Deposit account					
DO NOT USE THIS SPACE						
9. Statement and Signature:						
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.  April 12, 2002						
Stephen P. Burr Date Reg. No. 32,970						
Total Number of Pages Comprising Cover Sheet 3						
Mail documents to be recorded with required cover sheet information to:						
Commissioner of Patents and Trademarks Box Assignments						

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## ASSIGNMENT

Inventor(s)	(1)	Hiromichi KOBAYASHI (5)			
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	(3)	(7)			
	(4)	(8)			
	valual	n consideration of the sum of dollar (\$1.00) and other good and ble consideration paid to each of the undersigned, the undersigned agree(s) to n, and hereby does assign, transfer and set over to			
(9) Insert name of Assignee	(9)	NGK INSULATORS, LID.			
10) Insert address of	(10)	2-56, Suda-Cho, Mizuho-Ku, Nagoya City,			
Assignee		Aichi Pref., Japan			
	all ap	d States, its territories, dependencies and possessions, in the invention, and plications for patent and any Letters Patent which may be granted therefor, n as			
<ul><li>(11) Insert Identification of Invention, such as Title, Case Number or Foreign</li></ul>	all app know: (11)	plications for patent and any Letters Patent which may be granted therefor,			
Invention, such as Title,	all app known (11)	plications for patent and any Letters Patent which may be granted therefor, n as  CORROSION-RESISTIVE CERAMIC MATERIALS, METHOD OF PRODUCI  THE SAME, AND MEMBERS FOR SEMICONDUCTOR MANUFACTURING			
Invention, such as Title, Case Number or Foreign	all apply known (11)  for wl	plications for patent and any Letters Patent which may be granted therefor, n as  CORROSION-RESISTIVE CERAMIC MATERIALS, METHOD OF PRODUCI			
Invention, such as Title, Case Number or Foreign	all apply known (11)  for wless states	plications for patent and any Letters Patent which may be granted therefor, n as  CORROSION-RESISTIVE CERAMIC MATERIALS, METHOD OF PRODUCI  THE SAME, AND MEMBERS FOR SEMICONDUCTOR MANUFACTURING  hich the undersigned have executed an application for patent in the United			

- 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
- 2) The undersigned agree(s) to execute an papers necessary in connection with any intervented 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.

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- 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) the firm, **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	March 19, 2002	Signature	Hiromechi Kol	ayashi	(SEAL)
<del></del>			Hiromichi KOBAYASHI		,
Date _		Signature			_(SEAL)
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U.S. C here:	Concul if outside the U.S.A	. If neither, the	gned before: (a) a Notary Publ on it should be signed before at	1000	
Date_	March 19, 2002	_ Witness	Jun D 2 Joniko t	Sanda	
		Witness	Montro 1	Calicar	

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