U.S. PATENT AND TRADEMARK OFFICE

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Form PTO 1595	RE		
APPEND Form PTO 1595 To the Hono			
	of conveying party(ics)	2. Name and address of receiving party(ies):	
		, and the state of	
l akar	naru Iwadachi	Name: NGK Insulators, Ltd. Address: 2-56, Suda-cho, Mizuho-ku,	
Additional r	name(s) of conveying parties attached No	Nagoya-City, Aichi-Pref., JAPAN	
3. Nature	of Conveyance:	Additional name(s) attached? No	
_ s	Assignment Merger ecurity Agreement Change of Name Other		
Execut	ion Date February 15, 1999		
4. Applica	ation number(s) or patent number(s)		
If this o	document is being filed together with a new application	n, the execution date of this application is	
	ent Application No.(s)	B. Patent No.(s)	
	9/243,664 filed February 2, 1999	2.7 doi: 10.(0)	
	Additional Nun	nbers attached? 👱 No	
	and address of party to whom correspondence ning this document should be mailed:	6. Total number of application and patents involved: 1	
Name:	Stephen P. Burr	7 7 1 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Address:	WALL MARJAMA BILINSKI & BURR	7. Total fee (37 CFR 3.4) \$40.00	
	101 South Salina Street, Suite 400 Syracuse, NY 13202	Enclosed Authorized to charge any deficiency or credit any over pay	
	Telephone: (315) 425-9000	Deposit Account No. 50-0289.	
	Facsimile: (315) 425-9114	8. Charge Deposit account	
		on ange Deposit account	
	DO NOT I	USE THIS SPACE	
9. Stateme	ent and Signature:		
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original	document.	lation is true and correct and any attached copy is a true copy	
X	dentity	March 9, 1999	
•	>n H. Buhrr o. 32,970	Date Total Number of Pages Comprising	
 	51-0011(EXP. 4/94)	Total Number of Pages Comprising	
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	DO NOT DET		

PATENT REEL: 9822 FRAME: 0370

ASSIGNMENT

		(1) Takaharu IWADACHI (5)			
		(2) (6)			
(1-8)	Insert Name(s) of Inventor(s)	(3)(7)			
		(4) (8)			
		In consideration of the sum of dollar (\$1.00) and other good and vectors consideration paid to each of the undersigned, the undersigned against 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., Japan			
(11)	Insert Identification of	(hereinafter designated as the Assignee) the entire right, title and interest the United States, its territories, dependencies and possessions, in the inverse and all applications for patent and any Letters Patent which may be granted known as (11)HIP-BONDED BODY AND METHOD OF PRODUCING THE SAME			
	Invention, such as Title, Case Number or Foreign Application Number	(Case No)		
		for which the undersigned has (have) executed an application for punited States of America	patent in the		
(12)	Insert Date of Signing of Application	(12 on			
(13)	Alternative identification	(13) U.S. application Serial Number 09/243,664	A		
	for filed applications	filed February 2, 1999	<u></u>		

- 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.
- 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.

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		198123)

The un	ndersigned hereby grant(s) the firm of WALL, MARJAMA & BILINSKI the power to insert on this
assignment any fur	rther identification which may be necessary or desirable in order to comply with the rules of the United
States Patent and T	Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).						
Date February 15, 19	Name of Inventor <u>Takaharu Tiwa</u>	adachi (SEAL)				
Date	Name of Inventor					
Date	Name of Inventor	(SEAL)				
Date	Name of Inventor	(SEAL)				
Date	Name of Inventor	(SEAL)				
Date	Name of Inventor	(SEAL)				
Date	Name of Inventor	(SEAL)				
Date	Name of Inventor	(SEAL)				
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (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 February 15, 19	999 Witness Jusako Oi					
Date February 15, 19	99 Witness White What					

RECORDED: 03/12/1999

PATENT REEL: 9822 FRAME: 0372