

09-30-2005



**Our Docket No.:** 796\_052

U.S. Department of Commerce

## U.S. Patent and Trademark Office 103092002 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof. Name of conveying party(ies) Name and address of receiving party(ies): Tsutomu NANATAKI, Hirofumi YAMAGUCHI Name: NGK Insulators, Ltd. and Ritsu TANAKA Address: 2-56, Suda-Cho, Mizuho-Ku Additional name(s) of conveying parties attached <a>V</a> No Nagoya-City, Aichi-Prefecture 467-8530 Japan 3. Nature of Conveyance: \_ Merger ✓ Assignment Security Agreement \_\_ Change of Name Additional name(s) attached? V No Other Execution Date August 16, 2005 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) 11/180,298 filed July 13, 2005 Additional Numbers attached? \_ Yes 🖊 No 5. Name and address of party to whom correspondence Total number of application and patents involved: 1 concerning this document should be mailed: Name: Stephen P. Burr \$40.00 Total fee (37 CFR 3.41) Address: BURR & BROWN Enclosed P.O. Box 7068 Authorized to charge any deficiency or credit any over Syracuse, NY 13261-7068 payment to Deposit Account No. 50-1446. Telephone: (315) 233-8300 Facsimile: (315) 233-8320 Charge Deposit account DO NOT USE THIS SPACE 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 documen September 22, 2005 Stephen P. Burr Date Reg. No. 32,970 Total Number of Pages Comprising Cover Sheet 4 Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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PATENT REEL: 017030 FRAME: 0524

## **ASSIGNMENT**

Tsutomu NA	NATAKI			
(Inventor 1)				
Hirofumi YAMAGUCHI				
(Inventor 2)				
Ritsu TANAKA				
(Inventor 3)				
(Inve	ntor 4)			
(Inve	ntor 5)			
(Inventor 6)				
(Inventor 7)				
(	,			
(Inventor 8)				
各々の署名人に対して支払われた総額 1 ドル In consideration of the sum of dollar (\$1.00)				
(\$1.00) および他の適切な有価約因を考慮して、本署名人(ら)は、	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			
Name of Assignee NGK INSULATORS, LTD.				
Address of Assignee 2-56, Suda-cho, M 467-8530, Japan	lizuho-ku, Nagoya-shi, Aichi-ken,			
407-0550, Japan				
(以降譲受人と称する)に対して、以下に示 される発明、本発明に関する全ての特許出願	(hereinafter designated as the Assignee) the entire right, title and interest for the United			
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利、所有権および利益を譲渡することに同意	applications for patent and any Letters Patent			
し、その結果、譲渡および移転し、	which may be granted therefor, known as			
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前記発明は、本前記署名人が下記の日付・出 願番号でアメリカ合衆国において特許出願を 履行したものである。				
on even date herewith				
(Insert Date of Si	gning of Application)			
(	5 · · · · · · · · · · · · · · · · · · ·			
U.S. Application(s) Serial Number(s)11/	180,298 filed July 13, 2005			
	tive identification)			
,	,			
U.S. Application(s) Serial Number(s)	filed			
(Alternative identification)				
1) 本署名人(ら) は本出願、その継続出願お	1) The undersigned agree(s) to			
よびその分割出願に関する全ての必要書類を	execute all papers necessary in connection with			
履行することに同意し、譲受人が必要と思わ	the application and any continuing or divisional			
れる、これらの出願に関して別途譲渡証を履	applications thereof and also to execute separate			
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117000000000000000000000000000000000000	applications as the Assignee may deem			
	necessary or expedient.			
2) 本署名人(ら)は、本出願もしくはその継	2) The undersigned agree(s) to			
続出願、もしくはその分割出願に関して宣言	execute all papers necessary in connection with			
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全ての書類を履行することに同意し、証拠取	any interference which may be declared			
	concerning this application or continuation or			
得およびそのようなインターフェアレンスの	division thereof and to cooperate with the			
進行にあたり起こりうるいかなる方法におい	Assignee in every way possible in obtaining			
ても前記譲受人と協力することに同意する。	evidence and going forward with such			
a) + W A 1 ( C ) ) by at a per O H (of b) 1 or other	interference.			
3) 本署名人(ら)は、すべての用紙および書	3) The undersigned agree(s) to			
類を履行し、国際工業所有権保護協定の請求	execute all papers and documents and perform			
もしくは規定もしくは類似協定に関して必要	any act which may be necessary in connection			
ないかなる行為を施行することに同意する。	with claims or provisions of the International			
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	or similar agreements.			
4) 本署名人(ら) は、前記譲受人に対し	4) The undersigned agree(s) to			
て、有効な米国特許の許可を取得するために	perform all affirmative acts which may be			
必要なすべての積極的な行為を履行すること	necessary to obtain a grant of a valid United			
に同音する。	States patent to the Assignee.			

- - 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) 本者名人(ら) は、この書類の記録 上、米国特許商標庁の規定に従うために 必要もしくは所望の追加確認事項をこの 譲渡証に記入するための権利が、バー& ブラウン弁護士事務所(Burr & Brown)に 付与されていることをここに承認する。

RECORDED: 09/22/2005

6) The undersigned hereby grant(s) the firm 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 August 16, 2005		Tsutomu Nanataki			
Date 2005.8.16	Signature	H yamayuchis	_(SEAL)		
Date 2005, 8, 16	Signature	Ritsu Tanaka	_(SEAL)		
Date	Signature		_(SEAL)		
Date	Signature		_(SEAL)		
Date	Signature		_(SEAL)		
Date	Signature		_(SEAL)		
Date	Signature		_(SEAL)		