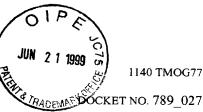
06-28-1999



101077370

ID TRADEMARK OFFICE



APPENDIX B

Form PTO 1595 RECORDATION FORM COVER SHEET PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof. Name of conveying party(ies) 2. Name and address of receiving party(ies): Yukihisa Takeuchi, Tsutomu Nanataki, Name: NGK Insulators, Ltd. Iwao Ohwada and Kei Sato Address: 2-56, Suda-cho, Mizuho-ku, Nagoya-City, Aichi-Pref., 467-8530 Additional name(s) of conveying parties attached No JAPAN Nature of Conveyance: Additional name(s) attached? Vo Assignment Merger Security Agreement Change of Name Other Execution Date May 28, 1999 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) 09/274,936 filed March 23, 1999 Additional Numbers attached? 
No 5. Name and address of party to whom correspondence 6. Total number of application and patents involved:  $\underline{1}$ concerning this document should be mailed: Stephen P. Burr Name: 7. Total fee (37 CFR 3.4) \$40.00 Address: WALL MARJAMA BILINSKI & BURR ✓ Enclosed 101 South Salina Street, Suite 400 Authorized to charge any deficiency or credit any over payment to Syracuse, NY 13202 Deposit Account No. 50-0289. Telephone: (315) 425-9000 Facsimile: (315) 425-9114 8. Charge Deposit account 06/22/11999 MMARHOL 00000131 09274936 40.00 DP DO NOT USE THIS SPACE 9. Statement and Signature: To the best off my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. June 18, 1999 Stephen P. Burn Date Reg. No. 32,970 Total Number of Pages Comprising Cover Sheet 3 OMB NO 0651-0011(EXP. 4/94) DO NOT DETACH THIS PORTION Mail documents to be recorded with required cover sheet information to: COMMISSIONER OF PATENTS AND TRADEMARKS

BOX ASSIGNMENTS WASHINGTON D.C. 20231

> **PATENT** REEL: 010047 FRAME: 0187

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1)	Yukihisa TAKEUCHI	(5)			
	(2)	Tsutomu NANATAKI	(6)			
	(3) _	Iwao OHWADA	(7)			
	(4)	Kei SATO	(8)			
(9) Insert name of Assignee	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					
(7) Macre Hame of Assigned	(9) NGK INSULATORS, LTD.					
(10) Insert address of Assignee	(10)_	(10) 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREF. 467-8530, JAPAN				
	inven	the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as				
(11) Insert Identification of	(11)	METHOD FOR DETECTING DEFECT OF TRANSPARENT BODY,				
Invention, such as Title, Case Number or Foreign	()	METHOD FOR PRODUCING	TRANSPARENT BODY			
Application Number						
		(Ca	se No. 789_027 (AP-14081-GA)			
	for which the undersigned have executed an application for patent in the United States of America					
(12) Insert Date of Signing of Application	(12)	on				
(13) Alternative identification	(13) U	J.S. Application(s) Seria ed application(s) filed	Number(s) 09/274,936  Jarch 23, 1999			
	101 111	ca application(s) med				

- 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: 010047 FRAME: 0188

- 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 of WALL MARJAMA BILINSKI & BURR 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 _	May 28, 1999	Signature	Yukihisa Takeuchi	_(SEAL)			
Date _	May 28, 1999	Signature	<u>Jsutomu Nanataki</u> Tsutomu NANATAKI	_(SEAL)			
Date _	May 28, 1999	Signature	Jurao Churada Iwao OHWADA	(SEAL)			
Date _	May 28, 1999	Signature	Kei Sato Kei SATO	(SEAL)			
Date _		Signature		_(SEAL)			
Date _		Signature		_(SEAL)			
Date _		Signature		_(SEAL)			
Date _		Signature		_(SEAL)			
(b) a U who al	This assignment shoul J.S. Consul if outside the lso sign here:	d preferably e U.S.A. If r	be signed before: (a) a Notary Public if within neither, then it should be signed before at least	the U.S.A. or two witnesses			
Date_	May 28, 1999	Witness	No your				
	May 28, 1999		T. Uilagan				

2

**RECORDED: 06/21/1999**