DOCKET NO. **791\_126 CIP** 

Form PTO 1595  RECORDATION	V.S. Department of Co	
PAT	ENTS ONLY	
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents on hand thereof.	
1. Name of conveying party(ies)	Name and address of receiving party(ies):	
Yukihisa TAKEUCHI, Tsutomu NANATAKI and Koji KIMURA  Additional name(s) of conveying parties attached  No	Name: NGK Insulators, Ltd.  Address: 2-56, Suda-Cho, Mizuho-Ku, Nagoya-Ci Aichi-Prefecture 467-8530 Japan	
3. Nature of Conveyance:	Additional name(s) attached?   No	
✓ Assignment Merger Security Agreement Change of Name Other	-6 (00)	
Execution Date July 24, 2001	****	
4. Application number(s) or patent number(s)	•	
If this document is being filed together with a NEW APP	PLICATION, the execution date of this application is	
A. Patent Application No.(s)	B. Patent No.(s)	
09/799,329 filed March 5, 2001		
Additional Nu	imbers attached?   ✓ No	
5. Name and address of party to whom correspondence	6. Total number of application and patents involved: 1	
concerning this document should be mailed:		
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 3.4) \$40.00</li> <li>✓ Enclosed</li> <li>✓ Authorized to charge any deficiency or credit any over payme Deposit Account No. 50-1446.</li> <li>8. Charge Deposit account</li> </ul>	
DO NOT	USE THIS SPACE	
9. Statement and Signature:  To the best of my knowledge and belief, the foregoing infooriginal document.  Stephen B. Burr Reg. No. 32,970	August 2, 2001  Date  Total Number of Pages Comprising Cover Sh	
OMB NO 0651-0011(EXP. 4/94)		
	ETACH THIS PORTION	
Mail documents to be recorded with required cover sheet informati	on to:	

## ASSIGNMENT

(1-3) Insert Name(s) of Inventor(s)		(1)	Yukihisa TAKEUCHI		
		(2)	Tsutomu NANATAKI		
		(3)	Koji KIMURA		
		valuat	consideration of the sum of dollar (\$1.00) and other good and olle consideration paid to each of the undersigned, the undersigned agree(s) ign, and hereby does assign, transfer and set over to		
(4) Insert name of Assignee		(4)	NGK Insulators, Ltd.		
(5) Insert address of Assignee (5)		(5)	2-56, Suda-Cho, Mizuho-Ku,		
			Nagoya-City, Aichi-Prefecture 467-8530 Japan		
		United	nafter designated as the Assignee) the entire right, title and interest for the d States, its territories, dependencies and possessions, in the invention, and plications for patent and any Letters Patent which may be granted therefor, in as		
(6)	Insert Identification of	(6)	OPTICAL SWITCH		
	Invention, such as Title, Case Number or Foreign Application Number		(Case No. 791_126 CIP (WA-0577 US-CIP))		
		for which the undersigned have executed an application for patent in the United States of America			
(7)	Insert Date of Signing of Application	(7)	on		
(8) Alternative identification		(8)	U.S. Application(s) Serial Number(s) <u>09/799,329</u> for filed application(s) filed <u>March 5, 2001</u>		
con			s) to execute all papers necessary in connection with the application and any 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.

**PATENT** REEL: 012064 FRAME: 0847

	In witn	iess w	hereof, ex	ecuted by the	undersigned on the date(s) opposite	
Date _	July	24,	2001	_ Signature	Yakihisa TAKEUCHI	(SEAL)
Date _	July	24,	2001	_ Signature	Tsutomu Nanataki Tsutomu NANATAKI	(SEAL)
Date _	July	24,	2001	_ Signature	Koji Kimura Koji KIMURA	(SEAL)
U.S. C					signed before: (a) a Notary Public if we nen it should be signed before at least to	
Date_			····	_ Witness		
Date_				_ Witness		

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.

**RECORDED: 08/06/2001**