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Our Docket No.: 791_228

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Add	Yukihisa TAKEUCHI, Nobuo TAKAHASHI and Mutsumi KITAGAWA ditional name(s) of conveying parties attached No	Name: NGK Insulators, Ltd. Address: 2-56, Suda-Cho, Mizuho-Ku Nagoya-City, Aichi-Prefecture 467-8530 Japan			
3.	Nature of Conveyance:				
	✓ Assignment Merger Security Agreement Change of Name Other	Additional name(s) attached? No			
	Execution Date September 1, 2003				
4.	Application number(s) or patent number(s)				
	If this document is being filed together with a NEW APPL	ICATION, the execution date of this application is September 1, 2003.			
	A. Patent Application No.(s) 10 457 442	B. Patent No.(s)			
	Additional Number	s attached? Yes 👱 No			
5.	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				
	Address: BURR & BROWN P.O. Box 7068 Syracuse, NY 13261-7068 Telephone: (315) 233-8300 Facsimile: (315) 233-8320	7. Total fee (37 CFR 3.41) \$40.00 ✓ Enclosed ✓ Authorized to charge any deficiency or credit any over payment to Deposit Account No. 50-1446.			
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ASSIGNMENT

Yukihisa T				
(Inve	ntor 1)			
Nobuo TA	KAHASHI			
(Inventor 2)				
Mutsumi KITAGAWA				
(Inve	(Inventor 3)			
(Inve	ntor 4)			
(2010				
(Inve	ntor 5)			
(Inve	ntor 6)			
Clave	ntor 7)			
(mve.	inoi /)			
(Inve	ntor 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	In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid			
て、本署名人(ら)は、	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-cl				
_Alcni-prefect	ture, 467-8530 Japan			
(以降譲受人と称する)に対して、以下に示される発明。 大発明に関するのでの体が出際	(hereinafter designated as the Assignee) the			
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METHOD OF MANUFACTURING THE ACTUATOR (Identification of Invention, such as Title, Case Number or Foreign Application Number)				
(accommeation of invention, such as True, Case Number of Poleigh Application Number)				

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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(Insert Date of Signing of Application)				
U.S. Application(s) Serial Number(s) filed				
1) 本署名人(ら) は本出願、その継続出願およびその分割出願に関する全ての必要書類を履行することに同意し、譲受人が必要と思われる、これらの出願に関して別途譲渡証を履行することに同意する。	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) 本署名人(ら) は、本出願もしくはその継続出願、もしくはその分割出願に関して宣言されるインターフェアレンスに関して必要な全ての書類を履行することに同意し、証拠取得およびそのようなインターフェアレンスの進行にあたり起こりうるいかなる方法においても前記譲受人と協力することに同意する。	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) 本署名人(ら) は、すべての用紙および書類を履行し、国際工業所有権保護協定の請求もしくは規定もしくは類似協定に関して必要ないかなる行為を施行することに同意する。	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) 本署名人(ら) は、前記譲受人に対して、有効な米国特許の許可を取得するために必要なすべての積極的な行為を履行することに同意する。	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) 本署名人(ら)は、本出願もしくはその分割出願もしくはその継続出願から発生したすべての米国特許を、全ての利益の譲受人として前記譲受人に対して発行することを特許庁長官に許可および請求し、署名人(ら)はここに譲渡される全ての利益を譲渡するためのすべての権利を有し、対立関係にある協定を過去に履行することもなく、もしくは将来履行しないことを誓約する。	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) 本署名人(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。
- 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 September 1, 2003	Signature Gukinisa Takench (SEAL)			
Date September 1, 2003	Signature <u>Nobuo Jako ha Shi</u> (SEAL)			
Date September 1, 2003	Signature Mutsumi Kitagawa (SEAL)			
Date	Signature(SEAL)			

RECORDED: 09/09/2003