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10/630887  
07/30/03

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7-30-03

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## 1. Name of conveying party(ies)

Takao OHNISHI, Masahiro MURASATO,  
Yuki BESSHO and Nobuo TAKAHASHIAdditional name(s) of conveying parties attached ☒ No

## 2. Name and address of receiving party(ies):

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  
☐ OtherAdditional name(s) attached? ☒ NoExecution Date July 24, 2003

## 4. 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 July 24, 2003.

A. Patent Application No.(s)

10, 630887

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence 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) 233-83206. Total number of application and patents involved: 1

## 7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed  
☒ Authorized to charge any deficiency or credit any over  
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## 8. 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 document.

Stephen R. Burr  
Reg. No. 32,970July 30, 2003  
Date

Total Number of Pages Comprising Cover Sheet 4

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PATENT  
REEL: 014360 FRAME: 0309

# ASSIGNMENT

Takao OHNISHI

(Inventor 1)

Masahiro MURASATO

(Inventor 2)

Yuki BESSHO

(Inventor 3)

Nobuo TAKAHASHI

(Inventor 4)

(Inventor 5)

(Inventor 6)

(Inventor 7)

(Inventor 8)

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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

Name of Assignee NGK Insulators, Ltd.

Address of Assignee 2-56, Suda-cho, Mizuho-ku, Nagoya-city,  
Aichi-prefecture, 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、本発明に関する全ての特許出願及び全ての特許権に関する合衆国、その領土、保護領および占有地に対するすべての権利、所有権および利益を譲渡することに同意し、その結果、譲渡および移転し、

(hereinafter designated as the Assignee) the entire right, title and interest for 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

**MANUFACTURING METHOD OF PIEZOELECTRIC/ELECTROSTRICTIVE FILM TYPE DEVICE**

(Identification of Invention, such as Title, Case Number or Foreign Application Number)

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。	for which the undersigned have executed an application for patent in the United States of America
on _____ (Insert Date of Signing of Application)	
U.S. Application(s) Serial Number(s) _____ filed _____ (Alternative identification)	
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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.
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**In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).**

Date July 24, 2003 Signature Takao Ohnishi (SEAL)

Date July 24, 2003 Signature Masahiro Murasato (SEAL)

Date July 24, 2003 Signature Yuki Risho (SEAL)

Date July 24, 2003 Signature Nobuo Takahashi (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)