



06-12-2002



Our Docket No.: 811_004

102119936

RECORDATION FORM COVER SHEET

Form PTO 1595

U.S. Department of Commerce
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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof.

1. Name of conveying party(ies):
Tomoyuki FUJII, Mitsuru OHTA and
Tsuneaki OHASHI
Additional name(s) of conveying parties attached No

6.4.02

2. Name and address of receiving party(ies):
Name: NGK Insulators, Ltd.
Address: 2-56, Suda-Cho, Mizuho-Ku
Nagoya, Aichi-Prefecture 467-8530
Japan
Additional name(s) attached? No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date May 21, 2002

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 _____
A. Patent Application No.(s)
10/108,181 filed March 27, 2002
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) 233-8320

6. 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 payment to Deposit Account No. 50-1446.
8. Charge Deposit account

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9. 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 P. Burr
Reg. No. 32,970
June 4, 2002
Date
Total Number of Pages Comprising Cover Sheet 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 012963 FRAME: 0582

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) Tomoyuki FUJII (5) _____
(2) Mitsuru OHTA (6) _____
(3) Tsuneaki OHASHI (7) _____
(4) _____ (8) _____

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

(9) Insert name of Assignee (9) NGK Insulators, Ltd.

(10) Insert address of Assignee (10) 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan

(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

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (11) _____

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 May 21, 2002

(13) Alternative identification (13) U.S. Application(s) Serial Number(s) 10/108, 181
for filed application(s) filed March 27, 2002

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.

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 **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 May 21, 2002 Signature *Tomoyuki Fujii* (SEAL)
Tomoyuki FUJII

Date May 21, 2002 Signature *Mitsuru Ohta* (SEAL)
Mitsuru OHTA

Date May 21, 2002 Signature *Tsunekaki Ohashi* (SEAL)
Tsunekaki OHASHI

Date _____ Signature _____ (SEAL)

Date _____ Signature _____ (SEAL)

Date _____ Signature _____ (SEAL)

Date _____ Signature _____ (SEAL)

Date _____ Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____ Witness _____

Date _____ Witness _____