

09-26-2003



C

Our Docket No.: 789_077

Form PTO 1595 **102585336** **RECORDATION FORM COVER SHEET** U.S. Department of Commerce
 2003 SEP 26 AM 9:37 **PATENTS ONLY** U.S. Patent and Trademark Office

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

1. Name of conveying party(ies) **9-26-03**
 Takami HIRAI, Yasuhiko MIZUTANI,
 Kazuyuki MIZUNO, Hitoshi SAITO
 and Takeshi NOGUCHI
 Additional name(s) of conveying parties attached No
 3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other Change of Address of Assignee
(Soshin Electric Co., Ltd.)
 Execution Date September 24, 2003

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
 Name: Soshin Electric Co., Ltd.
 Address: 800-38, Nagatoro
 Saku-City, Nagano-Prefecture 385-0021
 Japan
 Additional name(s) attached? No

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) **10085833** B. Patent No.(s)
 10/085,833 filed February 28, 2002
 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.

DO NOT USE THIS SPACE

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 P. Burr September 24, 2003
 Reg. No. 32,970 Date
 Total Number of Pages Comprising Cover Sheet 8

Mail documents to be recorded with required cover sheet information to:
 09/29/2003 6TOM11 00000039 10085833
 01 FC:6021 40.00 DP
 Mail Stop Assignment Recordation Services
 Director of the U.S. Patent and Trademark
 P.O. Box 1450
 Alexandria, VA 22313-1450

03-14-2002

Our Docket No.: 789_077



102014837

PATENTS ONLY

SHEET

U.S. Department of Commerce
U.S. Patent and Trademark Office

Form PTO 1595

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

1. Name of conveying party(ies)

Takami HIRAI,
Yasuhiko MIZUTANI,
Kazuyuki MIZUNO,
Hitoshi SAITO and
Takeshi NOGUCHI

02/28/02

Additional 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, Aichi-Prefecture 467-8530
Japan

Name: Soshin Electric Co., Ltd.
Address: 1-18-18, Nakamagome, Ohta-Ku
Tokyo, 143-8518
Japan

JC971 U.S. PTO
10/085833

02/28/02

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) attached? No

Execution Date January 12 and 24, 2002

03/08/2002 GSEBKESI 00000007 10085833

VE FC:SSI

40:30 OF

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 January 12 and 24, 2002.

A. Patent Application No.(s)

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

DO NOT USE THIS SPACE

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.

Kevin C. Brown

Kevin C. Brown
Reg. No. 32,402

February 28, 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

COPY

PATENT
REEL: 014520 FRAME: 0447

(1-8) Insert Name(s) of Inventor(s)

- (1) Takami HIRAI (5) Kazuyuki MIZUNO
- (2) Yasuhiko MIZUTANI (6) _____
- (3) Takeshi NOGUCHI (7) _____
- (4) Hitoshi SAITO (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. and SOSHIN ELECTRIC CO., LTD.

(10) Insert address of Assignee

(10) 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREF. 467-8530, JAPAN
and 1-18-18, NAKAMAGOME, OHTA-KU, TOKYO 143-8518, 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) LAMINATED DIELECTRIC RESONATOR AND LAMINATED DIELECTRIC FILTER

(Case No. _____)

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 January 12 and January 24, 2002

(13) Alternative identification

(13) U.S. Application(s) Serial Number(s) _____
for filed application(s) filed _____

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.

COPY

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) 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date ^{Jan. 12, 2002} Jan. 12. 2003 Signature Takami Hirai (SEAL)
Takami HIRAI

Date Jan. 12. 2002 Signature Yasuhiko Mizutani (SEAL)
Yasuhiko MIZUTANI

Date Jan. 12. 2002 Signature Takeshi Noguchi (SEAL)
Takeshi NOGUCHI

Date Jan. 12. 2002 Signature Hitoshi Saito (SEAL)
Hitoshi SAITO

Date Jan 24 2002 Signature Kazuyuki Mizuno (SEAL)
Kazuyuki MIZUNO

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:

Witness Sanaz Takahashi

Witness Miyuki Tokairin

COPY