



08-04-2003

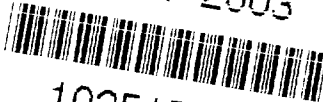
7.3003

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌

R

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102515999

To the Honorable Commissioner of Patents and Trademarks: Please record this document and original documents or copy thereof.

1. Name of conveying party(ies):

NGK INSULATORS, LTD. and
TOPPAN PRINTING CO., LTD.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 24, 2002

2. Name and address of receiving party(ies)

Name: NGK INSULATORS, LTD.

Internal Address: _____

Street Address: 2-56, Suda-cho, Mizuho-ku

Nagoya-City, Aichi-Prefecture
467-8530 JAPAN

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

5,023,700
5,100,498Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger W. Parkhurst

Internal Address: PARKHURST & WENDEL, L.L.P.

Suite 210

Street Address: 1421 Prince Street

City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41).....\$ 80.00

- ☒ Enclosed CK# 16755
☐ Authorized to be charged to deposit account CK# 16756

8. Deposit account number:

160331

(Attach duplicate copy of this page if paying by 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.

Roger W. Parkhurst; 25,177

Name of Person Signing

Signature

30 July 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

08/01/2003

DBYRNE 00000059 5023700

01 FC:8021

80.00 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, (1) NGK INSULATORS, LTD., a corporation of Japan having a place of business at 2-56, Suda-cho Mizuho-ku, Nagoya-City, Aichi-Prefecture, 467-8530, Japan; and (2) TOPPAN PRINTING CO., LTD., a corporation of Japan having a place of business at 5-1, Taito 1-chome, Taito-ku, Tokyo 110-8560, Japan, are joint owners, via Assignments of (A) recorded on May 18, 1990, in the U.S. Patent and Trademark Office records at Reel 005302, Frame 0637, of U.S. Patent Application Serial No. 07/367,257, filed June 16, 1989, and issued as U.S. Patent 5,023,700 on June 11, 1991; and of (B) recorded on May 18, 1990, in the U.S. Patent and Trademark Office records at Reel 005302, Frame 0637, of U.S. Patent Application Serial No. 07/663,178, filed March 1, 1991, and issued as U.S. Patent 5,100,498 on March 31, 1992; hereinafter the "Patent Properties".

WHEREAS, TOPPAN PRINTING CO, LTD. (hereinafter "Assignor") desires to assign the entirety of its right and interest in and to said '700 and '498 patents and any continuations, divisions, reissues, certificates of re-examination, or extensions thereof (hereinafter called "Patent Properties") for the United States, its territories, dependencies and possessions to NGK INSULATORS, LTD. (hereafter "Assignee").

Now, To All Whom It May Concern: Be it know that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid to said Assignor, the receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto the said Assignee its successor and assigns, the entirety of Assignor's heretofore undivided rights, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and patents that may be granted therefrom), and any divisions, continuations, reissues, re-examination certificates or extensions thereof; the same to be held and enjoyed solely by said Assignee alone, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said Assignor and Assignee jointly had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for, and collect the same for Assignee's use and for the use of its successors, assigns and other legal representatives.

The Assignor agrees to execute all papers necessary in connection with said Patent Properties and any continuing, divisional or reissue applications or re-examinations thereof, and to execute separate assignments in connection with such

applications should the Assignee deem same necessary or expedient.

The Assignor further agrees to execute all papers necessary in connection with any interference which may be declared concerning any of said Patent Properties and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

The Assignor further agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the Paris International Convention for Protection of Industrial Property or similar agreements.

The Assignor hereby covenants that it has full right to convey the interest herein assigned, and that it has not executed and will not execute, any agreement in conflict herewith.

The Assignor grants the firm of Parkhurst & Wendel, L.L.P. 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 U.S. Patent and Trademark Office for recording of this document.

This Assignment is effective as of the 24th day of December

2002.

Date: December 24, 2002

TOPPAN PRINTING CO., LTD.

J. Hagin

Witness

Masayasu Ishida

Signature of Office of Assignor

Masayasu Ishida

Name: _____

Title: Managing Director of Legal Division

Kuniko

Witness