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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

NITTO BOSEKI CO., LTD.

Additional name(s) of conveying party(ies) attached? NO

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

Name: OSAKA GAS COMPANY LIMITED

Internal Address:

Street Address: 1-2, Hiranomachi-4-chome, Chuo-ku,

City: Osaka-shi, State: JAPAN ZIP:

Additional name(s) & address(es) attached? NO

3. Nature of conveyance:

☒ Assignment Merger
☐ Security Agreement Change of Name
☐ Other

Execution Date: December 14, 1999

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)

4,781,908

4,855,122

5,030,435

5,108,458

Additional numbers attached? NO

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

Name: Harold C. Wegner

Internal Address: FOLEY & LARDNER

Street Address: 3000 K Street, N.W., Suite 500

City: Washington, State: D.C. ZIP: 20007-5109

6. Total number of applications and patents involved:

FOUR

7. Total fee (37 C.F.R. § 3.41). \$160.00

☒ Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 19-0741

(Attach duplicate copy of this page if paying by 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.

HAROLD C. WEGNER

Name of Person Signing

Signature

Date January 5, 2000

Total number of pages including cover sheet, attachments, and document: **THREE**

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

Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

PATENT
REEL: 010485 FRAME: 0917

ASSIGNMENT OF U.S. PATENTS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned company:

NITTO BOSEKI CO., LTD

(a corporation organized under the laws of Japan)

having a place of business at

1, Aza Higashi, Gonome, Fukushima-shi, Japan

owner of the rights in the United States of America and its territories and possessions to the below listed U.S. Patent, as evidenced in the Assignment records in the U.S. Patent and Trademark Office, by these presents hereby sells and assigns, unto:

OSAKA GAS COMPANY LIMITED

(a corporation organized under the laws of Japan)

having an address at

1-2, Hiranomachi-4-chome, Chuo-ku, Osaka-shi, Japan

(hereinafter ASSIGNEE) one-half (1/2) right, title and interest for the United States of America, its territories and possessions, in and to the inventions and patents therefor, identified as follows:

<u>PATENT NUMBER</u>	<u>ISSUE DATE</u>	<u>TITLE</u>
4,781,908	November 1, 1988	Process for the Infusibilizing Treatment of Pitch Fiber
4,855,122	August 8, 1989	Method for Producing Chopped Strands of Carbon Fibers
5,030,435	July 9, 1991	Process for Producing Chopped Strand of Carbon Fiber
5,108,458	April 28, 1992	Sizing Agent for Carbon Fiber

including any reissue and extensions of Letters Patents granted for said inventions; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, such that the Letters Patents shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made.

The undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Company: NITTO BOSEKI CO., LTD.

Date: Dec 14, 1999

By: *Atsuhiko Sagara*
Name: Atsuhiko SAGARA
Title: President

Date: Dec 14, 1999

WITNESS: *Fumiyu Oshima*