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To the Honorable Co

101329567

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Haruo KOMINE, Akira NISHIMURA
3-3-111
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Japan Brake Industrial Co., Ltd.
Street Address: 29-1, Nakanouemachi 4-chome, Hachioji-shi
City: Tokyo 192-0041
Country: Japan
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: January 17, 2000

4. Application number(s) or patent number(s): 09/486,826
If this document is being filed together with a new application, the execution date of the application is: January 17, 2000
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP
Internal Address:
Street Address: 1300 North Seventeenth Street
Suite 1800
City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$40.00
 Enclosed
 Any deficiencies may be charged to deposit account
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8. Deposit account number: 01-2135
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02 9C6501ement and signature. 40.00 OP

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.

William J. Solomon

Name of Person Signing

Attorney Registration No. 28,565

Total number of pages including cover sheet, attachments, and document: 2

Signature

March 3, 2000

Date

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to JAPAN BRAKE INDUSTRIAL CO., LTD. of 29-1, Nakanouemachi 4-chome, Hachioji-shi, Tokyo 192-0041 Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

THERMAL BONDING METHOD AND APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said JAPAN BRAKE INDUSTRIAL CO., LTD., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made:

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said JAPAN BRAKE INDUSTRIAL CO., LTD.

- | | (Full Name) | (Signature) |
|--|-------------|-------------|
| 1) Date <u>January 17, 2000</u> Inventor <u>Haruo KOMINE</u> <u>Haruo Komine</u>
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| 3) Date _____ Inventor _____
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Post Office Address _____ | | |
| 4) Date _____ Inventor _____
Residence _____ Citizenship _____
Post Office Address _____ | | |
| 5) Date _____ Inventor _____
Residence _____ Citizenship _____
Post Office Address _____ | | |

Witness(es)

- All) _____ 2) _____ 4) _____
1) _____ 3) _____ 5) _____

PATENT