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JCS40 U.S. PTO
09/189934

11/12/98

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

1. Name of conveying party(ies):
Tsuyoshi HIRAYANAGI and Shigeki UMEZAWA
MRD
11-12-98
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
Name:
NSK-WARNER KABUSHIKI KAISHA
Internal Address:
6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo, Japan
Street Address:
Same as above
City State Zip

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: November 5, 1998

Additional name(s) & address(es) attached?
 yes no

4. Application number(s) or patent number(s): *09/189,934*
If this document is being filed together with a new application, the execution date of the application is:
November 5, 1998
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:
SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)
7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.
Darryl Mexic
Name Darryl Mexic Reg. No. 23,063 Date November 12, 1998

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 9579 FRAME: 0688

Assignment

Whereas, I/We, Tsuyoshi HIRAYANAGI and Shigeki UMEZAWA of Shizuoka, Japan

hereinafter called assignor(s), have invented certain improvements in FRICTION PLATE

and executed an application for Letters Patent of the United States of America therefor on November 5, 1998 ; and

Whereas, NSK-WARNER KABUSHIKI KAISHA, 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: November 5, 1998 s/ Tsuyoshi Hirayanagi

Date: November 5, 1998 s/ Shigeki Umazawa

Date: s/ _____

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)