



05-10-2002



Q68342

Form PTO-1595 (modified)  
(Rev. 03/01)  
OMB No. 0651-0027

102085088  
PATENTIS

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

## 1. Name of conveying party(ies):

Hironobu ISHIKAWA  
Tetsuji YOGO

5.6.02

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

NGK SPARK PLUG CO., LTD.  
14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: March 28, 2002

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)  
10/073,146

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, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:  
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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## 8. Deposit account number:

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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.

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May 6, 2002

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05/09/2002 TBIAZ1 00000154 10073146

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PATENT  
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## Assignment

Whereas, I/We, Hironobu ISHIKAWA and Tetsuji YOGO, c/o NGK SPARK PLUG CO., LTD., 14-18 Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan, respectively, hereinafter called assignor(s), have invented certain improvements in CERAMIC DYNAMIC-PRESSURE BEARING, MOTOR HAVING BEARING, HARD DISK DRIVE, AND POLYGON SCANNER and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, 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 Director – U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 (Application number 10/073,146 and Confirmation number 5444, filed February 13, 2002) the filing date and application number of said application when known.

Date: March 28, 2002 Hironobu Ishikawa  
s/Hironobu ISHIKAWA

Date: March 28, 2002 Tetsuji Yogo  
s/Tetsuji YOGO

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