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Form PTO-1595  
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U.S. DEPARTMENT OF COMMERCE  
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RE:



101396765

To the Assistant Commissioner of Patents

documents or copy thereof.

1. Name of conveying party(ies):

Kouki OGAWA, Eiji KODERA

6-29-00

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 Names  
 Other

Additional name(s) & address(es) attached?

yes  no

Execution Date: June 13, 2000 and June 14, 2000

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)  
09/538,469

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

6. Total number of applications and registration 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.  
 Authorized to be charged to Deposit Account

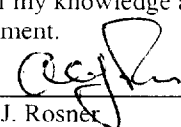
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9. Statement and Signature.

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.

  
Abraham J. Rosner

Reg. No. 33,276

June 29, 2000

Date

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

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**PATENT  
REEL: 010888 FRAME: 0639**

# Assignment

Whereas, I/We, Kouki OGAWA and Eiji KODERA of Sun-Street-Matsufuri 202, 8-25, Matsufuri-touri, Ichinomiya, Aichi, Japan, and 426-4 Sukakomatsu, Masaki-cho, Hashima, Gifu, Japan, respectively, hereinafter called assignor(s), have invented certain improvements in CAPACITOR-BUILT-IN TYPE PRINTED WIRING SUBSTRATE, PRINTED WIRING SUBSTRATE, AND CAPACITOR and executed an application for Letters Patent of the United States of America therefor on June 13, 2000; 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 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 our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/538,469 , filed MARCH 29, ) the filing date and application number of said application when known. 2000

Date: June 13, 2000 Kouki Ogawa  
s/Kouki OGAWA

Date: June 14, 2000 Eiji Kodera  
s/Eiji KODERA

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

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