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1. Name of conveying party(ies):
Seiji ICHIYANAGI
Jun OTSUKA
Manabu SATO

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

2. Name and address of receiving party(ies):
NGK SPARK PLUG CO., LTD.
14-18. Takatsuji-cho,
Mizuho-ku,
Nagoya, Aichi,
Japan

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3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: October 5, 2004
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10-6-04

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: October 5, 2004
A. Patent Application No.(s)
Not yet assigned

B. Patent No.(s)
Not yet assigned

Additional numbers attached? Yes No
10958569

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

6. Total number of applications and patents involved:
1
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Abraham J. Rosner Reg. No. 33,276 Date October 6, 2004

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PATENT
REEL: 015877 FRAME: 0215

Assignment

Whereas, I/We, Seiji ICHIYANAGI, Jun OTSUKA and Manabu SATO 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 SUBSTRATE FOR THIN FILM ELECTRONIC COMPONENT, PRODUCTION METHOD FOR THE SAME AND THIN FILM ELECTRONIC COMPONENT USING THE SAME 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 of the 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 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: October 5, 2004 Seiji Ichiyonagi
s/Seiji ICHIYANAGI

Date: October 5, 2004 Jun Otsuka
s/Jun OTSUKA

Date: October 5, 2004 Manabu Sat
s/Manabu SATO

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