

05-19-2004

Q81248

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**HEET**

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102748558

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Taro SAKURABAYASHI  
Toshikazu KATO  
*5.14.04*  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
NEC ELECTRONICS CORPORATION  
1753 Shimonumabe, Nakahara-ku,  
Kawasaki, Kanagawa 211-8668  
Japan  
Additional name(s) & address(es) attached?  Yes  No

15535 U.S. PTO  
10/845197  
051404

3. Nature of conveyance:  
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Execution Date: April 19, 2004

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: April 19, 2004  
A. Patent Application No.(s) *10845197*  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
6. Total number of applications and patents involved:  
1

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
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7. Total fee (37 CFR 3.41): \$40.00  
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**PATENT**  
**REEL: 015331 FRAME: 0779**

# Assignment

Whereas, I/We, Taro SAKURABAYASHI and Toshikazu KATO of Kanagawa, Japan,  
respectively hereinafter called assignor(s), have invented certain improvements in  
CAPACITOR CELL, SEMICONDUCTOR DEVICE AND PROCESS FOR MANUFACTURING THE SAME

and executed an application for Letters Patent of the United States of America therefor on  
April 19, 2004 ; and

Whereas, NEC Electronics Corporation  
1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, 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 to insert here in parentheses  
(Application number \_\_\_\_\_ and Confirmation number  
\_\_\_\_\_, filed \_\_\_\_\_) the filing date  
and application number of said application when known.

Date: April 19, 2004 Taro Sakurabayashi   
s/ Taro SAKURABAYASHI

Date: April 19, 2004 Toshikazu Kato   
s/ Toshikazu KATO

Date: \_\_\_\_\_

Witness: \_\_\_\_\_  
Date: April 19, 2004 Nitoshi Ukeni  
s/

Date: April 19, 2004 [Signature]  
s/

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