

03-23-2005



102964286

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To the Director of the United States Patent and Trademark Office 102964286 Attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Takao ARAI**

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

Name: **NEC Electronics Corporation**

Address: **1753 Shimonumabe,**

**Nakahara-ku,**

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

City: **Kawasaki** State/Prov.: **Kanagawa**

Country: **Japan** ZIP: **211-8668**

Execution Date: **January 31, 2005**

Additional name(s) & address(es)  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **January 31, 2005**

Patent Application No. Filing date

B. Patent No.(s)

3-10-05

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Sean M. McGinn, Esq.**

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Country: **USA** ZIP: **22182-3817**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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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.

**Sean M. McGinn, Esq.**

Name of Person Signing

Signature

**March 10, 2005**

Date

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03/14/2005 WAFW1 00000014 11075861

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# **ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS**

**NAME AND ADDRESS  
OF ASSIGNOR**

Takao ARAI  
c/o NEC Electronics Corporation, 1753 Shimonumabe,  
Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have  
invented and own a certain new and useful invention  
entitled:

SEMICONDUCTOR DEVICE

**TITLE OF INVENTION:**

**WHEREAS**

**FULL NAME AND ADDRESS  
OF ASSIGNEE**

NEC Electronics Corporation  
1753 Shimonumabe, Nakahara-ku,  
Kawasaki, Kanagawa 211-8668, Japan

(hereinafter referred to as ASSIGNEE), is desirous of  
acquiring the entire right, title, and interest in, to and under  
said invention and the United States Letters Patent to be  
obtained therefor:

*NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be  
it known that in consideration of the payment of ASSIGNEE  
to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of  
which is hereby acknowledged, and for other good and  
valuable consideration, ASSIGNOR, by these presents,  
hereby sells, assigns and transfers to ASSIGNEE the entire  
and exclusive right, title and interest to said invention and all  
Letters Patent of the United States to be obtained therefor on  
said application or any continuation, division, renewal,  
substitute or reissue thereof for the full term or terms for  
which the same may be granted.

ASSIGNOR hereby authorizes and requests the  
Commissioner of Patents and Trademarks to issue said  
Letters Patent of the United States Patent obtained therefor on  
said application or any

**(Assignment of Application for Patent -- page 1 of 2)**

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;


ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 31st day of January, 2005.

SIGNATURE

By: Takao Arai   
Takao ARAI

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

WITNESSES

Niteshi Utkari  
[Signature]

(Assignment of Application for Patent -- page 2 of 2)