

03-05-2003



HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of

102380886

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2-28-03  
NEC Corporation  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: NEC Electronics Corporation  
Address: 1753 Shimonumabe, Nakahara-ku

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: November 1, 2002

City: Kawasaki State/Prov.: Kanagawa  
Country: JAPAN ZIP: 211-8668  
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:  
Patent Application No. 10/231,175 Filing date August 30, 2002  
Additional numbers

B. Patent No.(s)  
  
 Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Sean M. McGinn, Esq.  
Registration No. 34, 386  
Address: McGinn & Gibb, PLLC  
8321 Old Courthouse Road, Suite 200  
City: Vienna State/Prov.: VA  
Country: USA ZIP: 22182-3817

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account  
8. Deposit account number:  
50-0481 (Deficiencies only)  
(Attach duplicate copy of this page if paying by 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.*  
Sean M. McGinn, Esq.  
Name of Person Signing

Signature

February 28, 2003

Date

5

Total number of pages including cover sheet, attachments, and

10231175  
FEB 28 2003  
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# Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, NEC Electronics Corporation, a Japanese corporation, having a place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

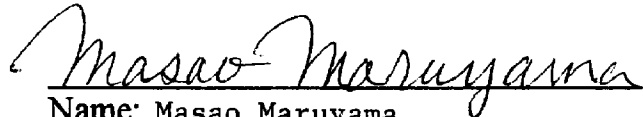
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: November 1, 2002



Name: Masao Maruyama

Title: Chief Manager

Planning Division

Intellectual Asset Operations Unit

Witness:

November 1, 2002

Date:



Name: Akira Muto

# ***Schedule A***

## **Patent Applications**

<b><u>Serial No.</u></b>	<b><u>File Date</u></b> <b>(Year/Month/Day)</b>
10/237052	2002/9/9
10/246688	2002/9/19
10/281236	2002/10/28
10/232532	2002/9/3
10/231175	2002/8/30
10/231173	2002/8/30
10/242415	2002/9/13
10/237053	2002/9/9