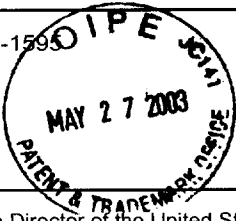


05-30-2003

FORM PTO-1593
(Rev. 6/93)



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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney's Docket No. 014925-277

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 5-27-03
NEC Corporation
7-1, Shiba 5-chome, Minato-ku, Tokyo
108-8001 - Japan
Additional name(s) of conveying party(ies) attached? Yes No

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

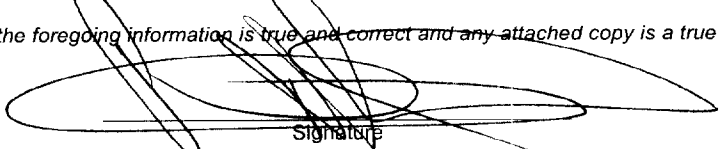
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
Other: _____
Execution Date: May 9, 2003

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) _____ B. Patent No.(s) _____
5,545,258 (Serial No. 08/490,088)
5,529,632 (Serial No. 08/490,087)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Platon N. Mandros
Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: Two
7. Total fee (37 CFR § 3.41): \$ 80.00
 Enclosed
 Authorized to be charged to deposit account, if necessary
8. Deposit account number:
02-4800

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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.
Platon N. Mandros  May 27, 2003
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: Two

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, VA 22313-1450

05/30/2003 670N11 00000039 5545258

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80.00 DP

PATENT ASSIGNMENT

WHEREAS, NEC Corporation, a Japanese corporation, having its principal place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, is the owner and assignee of record of the patents listed below;

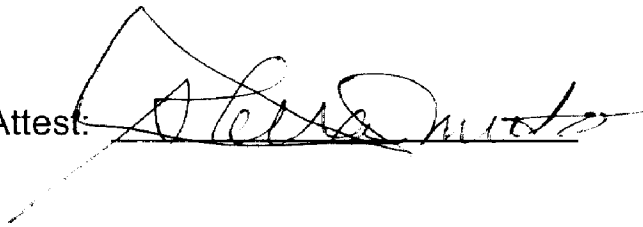
WHEREAS, NEC Electronics Corporation, a Japanese corporation, having its principal place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa, 211-8668, Japan is desirous of obtaining a title to the patents listed below;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, NEC Corporation hereby sells, assigns and transfers to NEC Electronics Corporation, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the below-listed patents:

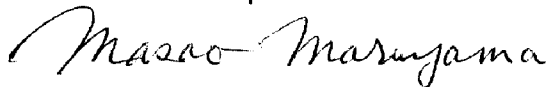
<u>Patent No.</u>	<u>Issue Date</u>	<u>Serial No.</u>	<u>Filing Date</u>
5,545,258	August 13, 1996	08/490,088	June 13, 1995
5,529,632	June 25, 1996	08/490,087	June 13, 1995

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

Attest:



NEC Corporation



Masao Maruyama
Chief Manager
Planning Division
Intellectual Asset Operations Unit

Date: May 9, 2003