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U.S. Patent and Trademark Office

4-11-03 Patent 102422138

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

NEC USA, INC.

4 Independence Way  
Princeton, New Jersey  
08450

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

NEC CORPORATION  
7-1, Shiba 5-chome  
Minato-ku, Tokyo 108-01  
JAPANAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 11, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)  
see attached list

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:  
60

7. Total fee (37 CFR 3.41): \$2400.00

- ☒ Enclosed.  
☐ Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said 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.

Howard L. Bernstein

Reg. No. 25,665

April 11, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

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

Commissioner of Patents &amp; Trademarks

Box Assignment

Washington, D.C. 20231

04/16/2003 ECDOPER 00000147 00972748

01 FC:0021

2400.00 OP

PATENT  
REEL: 013926 FRAME: 0288

Serial No.	Filing Date
08/972,748	November 18, 1997
09/145,225	September 1, 1998
09/184,759	November 2, 1998
09/206,975	December 8, 1998
09/273,808	March 22, 1999
09/317,964	May 25, 1999
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09/335,755	June 18, 1999
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09/410,087	October 1, 1999
09/414,815	October 8, 1999
09/425,886	October 25, 1999
09/461,561	December 14, 1999
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10/144,782	May 15, 2002
10/157,486	May 30, 2002
10/157,059	May 30, 2002
10/206,672	July 29, 2002
10/259,569	September 30, 2002
10/309,824	December 5, 2002

# PATENT APPLICATION ASSIGNMENT

WHEREAS, NEC USA, Inc., (Assignor herein) having a place of business at 4 Independence Way, Princeton, New Jersey 08540 is an owner and assignee of record of the patent applications on the attached two (2) page list (the Applications);

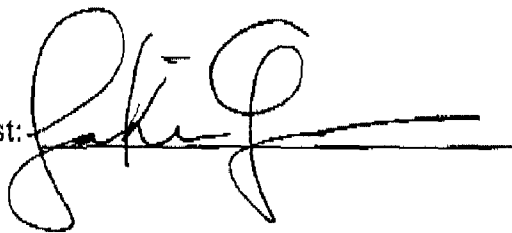
WHEREAS, NEC Corporation (Assignee herein), a Japanese corporation, having its principal place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-01 JAPAN is desirous of obtaining the entire right, title, and interest of the Assignor in the patent applications listed in the patent applications on the attached two (2) page list and inventions disclosed therein for the United States, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, NEC USA, Inc., hereby sells, assigns and transfers to NEC Corporation, its successors and assigns, the its entire right, title and interest, including rights to recover for past infringement, in the patent applications on the attached two (2) page list, the inventions disclosed therein for the United States, and to any and all patents for the United States of America, which may be granted thereon, and requests the Director - U.S. Patent and Trademark Office to issue any Letters Patents granted upon the inventions set forth in said Applications to the Assignee herein, its successors and assigns; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with said United States patent applications when called upon to do so by the Assignee.

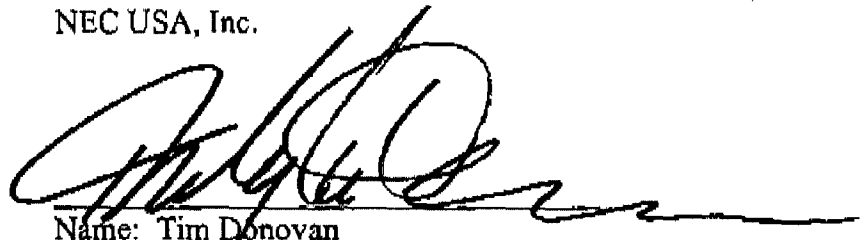
IN WITNESS WHEREOF, NEC USA, Inc. has executed this Assignment by proper persons duly authorized.

NEC USA, Inc.

Attest:



JACKIE L. GROSS  
Notary Public, State of New York  
No. 02GR6050841  
Qualified in Nassau County  
Commission Expires November 13, 2000



Name: Tim Donovan  
Title: Senior Vice President & General Counsel  
Date: April 11, 2003