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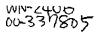
Form PTO-1595 (modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) PRADEN 101967579 U.S. Patent and Trademark Office OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kazunori OZAWA NEC CORPORATION 7-1, Shiba 5-chome Minato-ku, Tokyo, Japan 1.28.02 Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: January 24, 2002 Additional name(s) & address(es) attached?

Yes 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) 09/985,853 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 J. Frank Osha, Esq. SUGHRUE MION, PLLC ☑ Enclosed. Please charge any underpayment in connection 2100 Pennsylvania Avenue, N.W. with this Assignment to Deposit Account No. 19-4880. Suite 800 ☐ Authorized to be charged to deposit account Washington, D.C. 20037-3213 8. Deposit account number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. January 28, 2002 J. Frank Osha Reg. No. 24,625 Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

01/31/2002 PAHMED: 00000149 09985853

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For Non-U.S. Clients

Assignment

Whereas, I/We,

KAZUNORI OZAWA Tokyo, Japan of

hereinafter called assignor(s), have invented certain improvements in

and executed an application for Letters Patent of the United States of America therefor on January 24, 2002; and

Whereas, NEC Corporation

7-1, Shiba 5-chome, Minato-ku, Tokyo, 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 Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-32/8 to insert here in parentheses (Application number 09/985,853 , filed Nov. 6, 2001) the filing date and application number of said application when known.

Date: Jan. 24, 2002	s/	Kazonon	Gowa		
•				KAZUNORI	OZAWA
Date:	s/				

Witness:

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

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RECORDED: 01/28/2002

PATENT REEL: 012522 FRAME: 0514