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Yushi NIWA

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

NEC CORPORATION
7-1, Shiba 5-chome
Minato-ku, Tokyo, JAPAN



Additional conveying party(ies) attached? NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

October 17, 2001

Additional name(s) & address(es) attached? NO

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

If this is being filed together with a new application, the execution date of the application is: October 17, 2001

A. Patent Application Number(s):

09978539

B. Patent Number(s):

Additional numbers attached? NO

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

David A. Blumenthal
FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5109

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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for David A. Blumenthal

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Total number of pages including cover sheet, attachments, and document: 3

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PATENT
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

NEC Corporation
7-1, Shiba-5-chome, Minato-ku, Tokyo, Japan

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The undersigned hereby grant the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Yushi NIWA	Signature: <i>Yushi Niwa</i> (Signature)	Date: October 17, 2001
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NAMES AND SIGNATURES OF WITNESSES		
Name: Akira MUTO	Signature: <i>Akira Muto</i> (Signature)	Date: October 17, 2001
Name: Tadayuki WATANABE	Signature: <i>Tadayuki Watanabe</i> (Signature)	Date: October 17, 2001

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