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1. Name of conveying party(ies):

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Kazunari MIKAMI

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

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



Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

October 10, 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 10,

2001

A. Patent Application Number(s):

09983171

B. Patent Number(s):

Additional numbers attached? NO

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

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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):

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PATENT

REEL: 012277 FRAME: 0663

ASSIGNMENT

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

name and address of assignee

NEC Corporation

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

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

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Each of the undersigned hereby grants 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: Kazunari MIKAM	I Signature: Koyunari Mikami	Date:10/10/2001
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NAMES AND SIGNATURES OF WITNESSES		
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Name:	Signature: Market must	Date: 10/10/

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