FORM PTO-1595 (modified) U.S. DEPARTMENT OF C 11-08-2000 (Rev 6-93) RECOF EET 101508716 To the Director of the United States Patent an ed original documents or copies 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Motohide OTSUBO Kazutoshi WAKABAYASHI Yuichi MARUYAMA NEC CORPORATION 7-1, Shiba 5-chome, Minato-ku Tokyo, JAPAN 10-11-00 Additional conveying party(ies) NO 3. Nature of conveyance: ASSIGNMENT **Execution Date:** September 28, 2000 Additional name(s) & address(es) attached? 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: September 28, 2000 A. Patent Application Number(s): B. Patent Number(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): David A. Blumenthal Check Enclosed FOLEY & LARDNER Washington Harbour Charge to deposit account 3000 K Street, N.W., Suite 500 8. Deposit account number: 19-0741 Washington, D.C. 20007-5109

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS Date: 28, 2000 Otsubo Motohide Motohide Otsubo Signature: Name: Kazutoshi Wakabayashi Signature: September Date: 28, 2000 Name: with maruyana Yuichi Maruyama Signature: Name: Date: Signature: Name: NAMES AND SIGNATURES OF WITNESSES September Date: 28, 2000 September Date: 28, 2000 Signature: Hitoshi Ukai Name: Signature: Akira Muto Name:

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