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Docket No.: 12585

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1. Name of conveying party(ies): Shibay Yamaski Hidemitsu Aoki Yasushi Nasaki  Additional names(s) of conveying party(ies):    Additional names(s) of conveying party(ies):   Additional names(s) of conveying party(ies):   Additional names(s) of conveying party(ies):   Additional names(s) of conveying party(ies):   Additional name(s) & additiona	To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or containing.		
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Security Agreement	Additional names(s) of conveying party(ies)	Minato-ku		
Change of Name  City: Tokyo State/Prov.:  Country: Japan ZIP:  Execution Date: March 23, 1999  Additional name(s) & address(es)  Personal Additional name(s) & address(es)  If this document is being filed together with a new application, the execution date of the application is:  March 23,1999  Patent Application No. Filing date  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Paul J. Esatto, Jr.  Registration No. 30,749  Address: SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza  Address: SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza  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.  Paul J. Esatto, Jr.  March 23, 1999  Notational name(s) & address(es)  Pres IND  Name 2 No Patent No. (s)  Name 2 No Patent No.(s)  6. Total number of applications and patents involved:  I To Total fee (37 CFR 3.41):	3. Nature of conveyance:			
Country: Japan ZIP:  Execution Date: March 23, 1999  4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is:  March 23,1999  Patent Application No. Filing date  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Paul J. Esatto, Jr.  Registration No. 30,749  Address: SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza  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.  Paul J. Esatto, Jr.  March 30, 1999	■ Assignment			
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Patent Application No. Filing date  Additional numbers  Additional numbers  B. Patent No.(s)  S. Name and address of party to whom correspondence concerning document should be mailed:  Name: Paul J. Esatto, Jr.  Registration No. 30,749  Address: SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza  OA/09/1939 MORON 00000024 092614/5 City: Garden City USA  ZIP: 11530  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.  Paul J. Esatto, Jr.  March 30, 1999	Execution Date: March 23, 1999	Additional name(s) & address(es)		
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Address: SCULLY, SCOTT, MURPHY & PRESSER  400 Garden City Plaza  Authorized to be charged to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMP  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.  Paul J. Esatto, Jr.  March 30, 1999	Name: Paul J. Esatto, Jr.	7. Total fee (37 CFR 3.41):\$ 40.00		
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**PATENT** 

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## Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

SHINYA YAMASAKI, HIDEMITSU AOKI and YASUSHI SASAKI

Hereby sell, assign and transfer to NEC Corporation

a corporation

of Japan

having a place of business at

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
its successors, assigns and legal representatives, the entire right, title and interest for all
countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the
application for United States Patent, which has been executed by the undersigned
on March 23, 1999 and is entitled

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any

PATENT REEL: 9880 FRAME: 0350 and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	Shinya Jamasaki (3)	_(L.S.)
Date: March 23, 1999	SHINAYA YAMASAKI	_(2.0.)
Witness: Man Muand		
Jan Jan Valle		
Date: March 23, 1999	7 Fidemitsu aoki	(L.S.)
Witness: Afrollum		
Date: March 23, 1999	Yasushi Lasaki 集 Yasushi sasaki	_(L.S.)
Witness: More Musica		
Date:		_(L.S.)
Witness:		

RECORDED: 03/30/1999

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