

	Docket No.:	13548
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City   Tokyo   State/Prov.	FORM PTO-1595 (Modified)	R	25 20	-	U.S. DEPART	MENT OF COMMERCE
To the Honorable Commissioner of Patent.  1. Name of conveying party(les): Koesich Nomura  4. 18-00  Additional names(s) of conveying party(les) stacked?   Yes 28 No    3. Nature of conveyance:  3. Nature of conveyance:  3. Security Agreement   Change of Name   City: Tokyo   State/Prov.:  Country: Japan   ZIP:    Execution Date: April 12, 2000   Additional names(s) address(s) stacked?   Yes 28 No    4. Application number(s) or registration numbers(s): OG 55/777  If this document is being flied together with a new application, the execution date of the application is: April 12, 2000    Patent Application No.   Filing date   B. Patent No.(s)  Additional number of applications and patents involved:   1  Address: Scally, Scott, Murphy & Presser   Address: Scally, Scott, Murphy & Presser   Authorized to be charged to deposit account    Name: Paul J. Exatto, Jr.   April 18, 2000    9. Statement and signature.   To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a frue copy of the original document    Paul J. Exatto, Jr.   April 18, 2000    9. Statement and signature.   April 18, 2000    9. Statement and signature.   April 18, 2000    Paul J. Exatto, Jr.   April 18, 2000    April 18, 2000   April 20, 2000   April 20, 2000    April 18, 2000   April 20, 2000   April 20, 2000    April 18, 2000   April 20, 2000   April 20, 2000    Additional numbers   April 20, 2000   Additional numbers   April 20, 2000    Additional numbers	(Rev. 6-93) OMB No. 0651-0011 (exp. 1/94)	••	05-02	-2000	Pat	ent and Trademark Office
To the Honorable Commissioner of Patent.  1. Name of conveying party(ies): Kouichi Nomara  4. 18-00  Additional names(a) of conveying party(ies): Additional names(a) of conveying party (ies): Addit				HITTI		
1. Name of conveying party(les): Koucichi Normana  4. 18-00  Additional names(a) of conveying party(les) attached?   Yes 20 No  3. Nature of conveyance: 26. Assignment						-t- or oncy thereof
Name: NEC Corporation Additional names(s) of corresping party(ses) attached?   Yes 28 No   3. Nature of conveyance: 26 Assignment   Merger   3. Security Agreement   Change of Name   City: Tokyo   State/Prov.:   Country: Japan   ZiP:   Execution Date: April 12, 2000   Additional name(s) & address(es) attached?   Yes 28 No   4. Application number(s) or registration numbers(s): OQ 55/777   If this document is being filled together with a new application, the execution date of the application is: April 12, 2000   Patent Application No.   Filling date   B. Patent No.(s)    Additional number attached?   Yes 28 No    5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul J. Esasto. Jr.   7. Total fee (37 CFR 3.41):	To the Honorable Commissione	r of Patent.	7	<del></del>		
Additional names(s) of conveying party(ses) attached?   Yes 20 No    3. Nature of conveyance:   Merger   Change of Name   City: Tokyo   State/Prov.:   Change of Name   City: Tokyo   State/Prov.:   Change of Name   City: Tokyo   State/Prov.:   Country: Japan   ZiP:   Z				2. Name and addres	ss of receiving party(ies	s): D ====
Additional names(s) of conveying party(ses) attached?  \[ \text{Ves St No} \]  3. Nature of conveyance:  \[ \text{Merger} \]  \[ \text{Security Agreement} \]  \[ \text{Change of Name} \]  \[ \text{City: Tokyo} \]  \[ \text{State/Prov.} : \]  \[ \text{Country: Japan} \]  \[ ZIP:	Kouichi Nomura	4-18-00		Name: NEC Cor	poration	Ld.
Additional names(s) of conveying party(ies) attached?				**		S. L.
Additional names(s) of conveyance:  2 Assignment				Address: /-1, Su	IDA S-CHURIC, MIRRIO A.	- <del>2</del> 2 2 -
3. Nature of conveyance:    Security Agreement			s 🔀 No			20 <b>2</b> 2
Security Agreement ☐ Change of Name City: Tokyo State/Prov.: ☐ Security Agreement ☐ Change of Name City: Tokyo State/Prov.: ☐ Other Country: Japan ZiP: ☐ Execution Date: April 12, 2009 Additional numbers(s) or registration numbers(s): O3 55/7777 If this document is being filed together with a new application, the execution date of the application is: April 12, 2009 ☐ Patent Application No. Filting date ☐ B. Patent No.(s)  Additional numbers attached? ☐ Yes 图 No  Additional numbers attached? ☐ Yes 图 No  S. Name and address of party to whom correspondence concerning document should be mailed: ☐ Name: Paul J. Esatto, Jr. ☐ Total fee (37 CFR 3.41):						.0
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Execution Date: April 12, 2006  Additional name(s) & address(se) attached?	Assignment	! Merger	•			
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4. Application number(s) or registration numbers(s): OG 55/777  If this document is being filed together with a new application, the execution date of the application is: April 12, 2000  Patent Application No. Filing date  B. Patent No.(s)  Additional numbers attached?  Pes IN  Additional numbers attached?  Pes IN  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Paul J. Esarto, Jr.  7. Total fee (37 CFR 3.41):	_) Other			Country: Japan	ZIP:	A same records and loss and loss of
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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  Presser  Authorized to be charged to deposit account  ###################################		Eiling date		B. Patent No	U.(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  Presser  Authorized to be charged to deposit account  **Part City: Garden City USA  Country: USA  Do Not use this space  9. Statement and signature:  To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document  Paul J. Esatto, Jr.  6. Total number of applications and patents involved:  1  2 Enclosed - Any excess or insufficiency should be credited or debited 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 the and correct and any attached copy is a true copy of the original document  Paul J. Esatto, Jr.  April 18, 2000		Filing date		B. Patent No	0.(5)	
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  Presser  Authorized to be charged to deposit account  **Part City: Garden City USA  Country: USA  Do Not use this space  9. Statement and signature:  To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document  Paul J. Esatto, Jr.  6. Total number of applications and patents involved:  1  2 Enclosed - Any excess or insufficiency should be credited or debited 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 the and correct and any attached copy is a true copy of the original document  Paul J. Esatto, Jr.  April 18, 2000		Filing date		B. Patent N	0.(3)	
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Name: Paul J. Esatto, Jr.  Registration No. 30,749  Address: Scully, Scott, Murphy & Presser  400 Garden City Plaza  MENSON SCHEEL Section State/Prov.: NY  City: Garden City USA  Do Not Use This space  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document  Paul J. Esatto, Jr.  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMIP  Do Not Use This space					U.( <del>s</del> )	
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Registration No. 30,749  Address: Scully, Scott, Murphy & Presser  400 Garden City Plaza  Authorized to be charged to deposit account  MANAGEMENT ACCOUNTY: USA  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.  Enclosed - Any excess or insufficiency should be credited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMP  DO NOT USE THIS SPACE	Patent Application No.  5. Name and address of party to v	Additi	•	ched? ☐ Yes <b>Z</b> No		s involved: 1
Registration No. 30,749  Address: Scully, Scott, Murphy & Presser  400 Garden City Plaza  MANAGEMENT Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMP  Country: USA  2 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.  April 18, 2000	Patent Application No.  5. Name and address of party to v	Additi	•	ched? ☐ Yes <b>Z</b> No		s involved: 1
Address: Scully, Scott, Murphy & Presser  400 Garden City Plaza  Authorized to be charged to deposit account  MARA/2000 SCHIRCH 2000001 97851777  8. Deposit account number:  City: Garden City  Country: USA  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.  Credited or debited to deposit account  Authorized to be charged to deposit account  Authorized to be charged to deposit account  Authorized to be charged to deposit account  B. Deposit account number:  19-1013/SSMP  DO NOT USE THIS SPACE	Patent Application No.  5. Name and address of party to vocanceming document should be	Additi whom correspond e mailed:	dence	ched? Tyes 28 No 6. Total number of a	applications and patent	
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MARAGE SCHOOL COLOR STATE ASSESSION ASSE	5. Name and address of party to veconceming document should be Name: Paul J. Esatto, Jr.  Registration No. 30,749	Additi whom correspond e mailed:	dence	6. Total number of a 7. Total fee (37 CFF	applications and patent	0.00 cy should be
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Name of Person Signing Signature 3 Date	5. Name and address of party to veconcerning document should be Name: Paul J. Esatto, Jr. Registration No. 30,749 Address: Scully, Scott, Murphy 400 Garden City Plaza  **Press: Garden City 40. City: Garden City 40. Country: USA  9. Statement and signature. To the best of my knowledge and signature.	Addition corresponde mailed:  y & Presser  ### State/Prov  ZIP: 11530	NY DO NOT US	7. Total fee (37 CFF  Enclosed - Ar credited or de  Authorized to  B. Deposit account r  19-1013/SSMP	applications and patents R 3.41):\$ 4 ny excess or insufficient abited to deposit account be charged to deposit number:	cy should be nt account
Total number of pages including cover sheet attachments, and document:	5. Name and address of party to v concerning document should be Name: Paul J. Esatto, Jr. Registration No. 30,749 Address: Scully, Scott, Murphy 400 Garden City Plaza  MALACON ECHICA CONCOL CHEST??? PERSON City: Garden City 48. Country: USA  9. Statement and signature. To the best of my knowledge ar of the original document	Addition corresponde mailed:  y & Presser  ### State/Prov  ZIP: 11530	NY DO NOT US	7. Total fee (37 CFF  Enclosed - Ar credited or de  Authorized to  B. Deposit account r  19-1013/SSMP	applications and patents R 3.41):\$ 4 ny excess or insufficient abited to deposit account be charged to deposit number:	cy should be nt account

REEL: 010740 FRAME: 0036

Docket No. 13548

Witness Form

## Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged,  $\ ^{\mathrm{I}}$  , the undersigned,

Kouichi Nomura of c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

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

022

April 12, 2000

and is entitled

SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR READING OUT DATA RECORDED IN MEMORY CELLS

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

**REEL: 010740 FRAME: 0037** 



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

Cournant 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.

	Knichi	Furnuru	(L.S.)
Date: Apri. 12, 2000 Witness: Apri. 12, 2000		Kouichi Nomura	• •
Witness: Hitoshi Ukai			
Akira Muto			
Date:			(L.S.)
Witness:			
Date:			(L.S.)
Witness:			
	angelia - piungo an angelia a saot alba di a		(L.S.)
Date:			
Witness:			

RECORDED: 04/18/2000

PATENT REEL: 010740 FRAME: 0038