

01-05-2000



COVER SHEET

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- () License () Change of Name
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Conveying Party(ies)

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Name (line 1) Yoshinori Matsui

Name (line 2)

Execution Date

Month Day Year
06 25 1999

Second Party

Name (line 1)

Name (line 2)

Execution Date

Month Date Year

Receiving Party

() Mark if additional names of receiving parties attached

Name (line 1) Darryl G. Walker

Name (line 2)

Address (line 1) 4064 Beebe Circle

Address (line 2)

Address (line 3)

San Jose,
cityCA
State/Country95135
Zip Code

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PATENT
REEL: 010464 FRAME: 0944

Correspondent Name and Address

Area Code and Telephone Number 1-408-223-1445Name Darryl WalkerAddress (line 1) 4064 Beebe CircleAddress (line 2) San Jose, CA 95135

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.

1

Application Number(s) or Patent Number(s)

() Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).
Patent Application Number(s)09/347,491

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treat (PCT)

Enter PCT application number
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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed (X)

Deposit Account ()

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-0784

Authorization to charge additional fees:

Yes (X)

No ()

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. Charges to deposit account are authorized, as indicated herein.

Darryl Walker

Name of Person Signing

Darryl Walker
SignatureDecember 9, 1999

Date

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned in consideration of the sum of one Dollar (\$ 1.00) to me in hand paid by the Assignee and other good and valuable consideration receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

NEC Corporation

a corporation organized under the laws of the Country of Japan, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Virtual Channel Synchronous Dynamic Random Access Memory

described in an application for Letters Patent of the United States, identified as Docket No. N189059 in the offices of Darryl G. Walker, 4064 Beebe Circle, San Jose, CA 95135 and filed on July 2, 1999, as Application Serial No. 09/347,491, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I hereby authorize Darryl G. Walker agent for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Yoshinori Matsui
Inventor's Signature

6/25/1999

DATE

Yoshinori Matsui
Inventor's Printed Name

Witnesses: Hitoshi Ueki

Hitoshi Ueki