Docket No.: NE226-US 08-01-2001 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (M Jiffed) EET OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar Patent and Trademark Office P08A/REV02 Tab settings 🔷 🔷 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Koji Matsuura Name: NEC Corporation Address: 7-1, Shiba 5-chome, Minato-ku Additional names(s) of conveying party(ies) attached? 3. Nature of conveyance: ★ Assignment Merger City: Tokyo Change of Name State/Prov.: □ Security Agreement Country: JAPAN ZIP: □ Other Execution Date: 06/20/01 Additional name(s) & address(es) attached? 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: 06/20/01 B. Patent No.(s) Patent Application No. Filing date 07/24/2001 EHAILE1 00000027 09907920 40.00 DP 02 FC:581 Additional numbers attached? 🔲 Yes 🔀 No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):....\$ 40.00 Name: Sean M. McGinn Enclosed - Any excess or insufficiency should be 34,386 Registration No. credited or debited to deposit account Address: McGinn & Gibb, PLLC Authorized to be charged to deposit account 8321 Old Courthouse Road 8. Deposit account number: Suite 200 _ State/Prov.: VA City: Vienna 50-0481 ZIP: 22182-3817

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and correct and any attached copy is a true copy 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is trμe of the original document. **July 19, 2001**

Sean M. McGinn

Country: USA

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Date

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Koji MATSUURA of Kanagawa, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION:

A SEMICONDUCTOR MEMORY DEVICE

for which application for Letters Patent of the United States is being filed concurrently herewith;

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE NEC Corporation 7-1, Shiba 5-chome Minato-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any

(Assignment of Application for Patent -- page 1 of 2)

PATENT REEL: 012011 FRAME: 0599 continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 20th day of June 2001.

By: ____ Hoji Matsuura

Koji MATSUURA

By:

Hitshi Clieni

(Assignment of Application for Patent -- page 2 of 2)

PATENT REEL: 012011 FRAME: 0600

RECORDED: 07/19/2001

DATE OF SIGNING

SIGNATURE

WITNESS