Form PTO-1595 RECORDATION FORM COVER SHEET PATEN 11-22-2000

101525247

U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. P108066-00016 Date: October 25, 2000

10125100

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

Masahiro NilMI; Shinya FUJIOKA; Tadao AlKAWA; and

Yasuharu SATO

Additional name(s) of conveying party(ies) attached?

_ Yes

xx No

3. Nature of conveyance:

xx Assignment

Other

_ Security Agreement

_ Merger

_ Change of Name

Execution Date: September 11, 2000

2. Name and address of receiving party(ies):

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome

Nakahara-ku, Kawasaki, 211-8588, Japan

Additional name(s) & address(es) attached?

_ Yes

xx No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 11, 2000

A. Patent Application No.(s)

New Application

B. Patent No.(s)

Additional numbers attached? _ Yes

xx No

5. Name and address of party to whom correspondence concerning

document should be mailed:

Name: Arent Fox Kintner Plotkin & Kahn, PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 600

Washington, D.C. 20036-5339

Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41)...... \$ 40.00

XX Included in attached Check # 303574

XX Any additional fees are authorized to be charged to Deposit Account

Deposit account number: 01-2300
 (Attach duplicate copy of this page if paying by

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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

Jouinem.

harles M. Marmelstein

Name of Person Signing Reg. No. 25,895 ignature

October 25, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT REEL: 011250 FRAME: 0988

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC Nikaido, Marmelstein, Murray & Oram Intellectual Property Groun

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

MEMORY DEVICE

| for which application for Letters Patent of the United | States was filed on |
|---|---|
| and assigned Serial No. | _ (Arent Fox Kintner Plotkin & Kahn, PLLC |
| is hereby authorized to insert the series code, serial nu | |
| and all Letters Patent of the United States to be of | |
| continuation, division, renewal, substitute, reissue or r | eexamination thereof for the full term or terms |
| for which the same may be granted. | |
| | |

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

| Masahiro NIIMI | masahiro minin | _11/09/2000 |
|----------------|--------------------------------|-------------|
| | (SIGNATURE) | (DATE) |
| Shinya FUJIOKA | Shinnes Hyjiopa | 11/09/2000 |
| | (SIGNATURE) | (DATĖ) |
| Tadao AIKAWA | Jadao arkowa | 11/09/2000 |
| | (SIGNATURE) | (DATE) |
| Yasuharu SATO | Josephorn Sorte (SIGNATURE) | 11/09/2000 |
| | (SIGNATURE) | (DATE) |
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NO LEGALIZATION REQUIRED

RECORDED: 10/25/2000

PATENT REEL: 011250 FRAME: 0989