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| Please , case 1.02.03.37.32 | or copy thereof | |
| Name of conveying party(ies) | 2. Name and address of receiving party(ies): | |
| Keisuke WATANABE 63//8/00 | Name: Fujitsu Limited | |
| Additional name(s) of conveying party(ies) attached? | Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku Kawasaki-shi, Kanagawa 211-8588 Japan | |
| ☐ Yes | Additional name(s) & address(es) attached? | |
| | ☐ Yes | |
| 3. Nature of conveyance: | | |
| | | |
| Execution Date: March 12, 2002 | | |
| 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: March 12, 2002 | | |
| A. Patent Application No.(s) | B. Patent No.(s) | |
| Additional numbers attached? ☐ Yes ☑ No | | |
| | | |
| Name and address of party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: One | |
| Name: Arent Fox Kintner Plotkin & Kahn PLLC | 7. Total fee (37 CFR 3.41) \$ 40.00 | |
| Street Address: 1050 Connecticut Avenue, N.W., Suite 400 | ☑ Included in attached check. | |
| Washington, D.C. 20036-5339 | Any additional fees are authorized to be charged to deposit account | |
| 720/2002 WABRHAM1 00000062 10098338 FC:581 40.00 OP | 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) | |
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| 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. Charles M. Marmelstein Name of Person Signing Signature Date | | |
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| Total number of pages including cover sheet, attachments, and document: 2 | | |

PATENT REEL: 012705 FRAME: 0617

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

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-shi, Kanagawa, 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:

NONVOLATILE MEMORY FOR WHICH PROGRAM OPERATION IS OPTIMIZED BY CONTROLLING SOURCE POTENTIAL

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 number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination 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.

| Keisuke WATANABE | Keisuke Watanube | 12/03/2002 |
|------------------|------------------|------------|
| | (SIGNATURE) | (DATE) |
| | (SIGNATURE) | (DATÉ) |
| | (SIGNATURE) | (DATE) |

NO LEGALIZATION REQUIRED

RECORDED: 03/18/2002

PATENT REEL: 012705 FRAME: 0618