Docket No.: 48469 10-07-1998 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE EET (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar 100845433 Tab settings → → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Name: Sharp Kabushiki Kaisha Hideo Sakuma Address: 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan Additional names(s) of conveying party(ies) ☐ Yes 🏻 No 3. Nature of conveyance: ☐ Merger ☐ Security Agreement ☐ Change of Name City: _____ State/Prov.: ____ Country: ZIP: ☐ Other Execution Date: September 21, 1998 Additional name(s) & address(es) ☐ Yes ⊠ No 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: **September 21, 1998** Patent Application No. Filing date B. Patent No.(s) 09/162014 Additional numbers ☐ Yes 🛛 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1**0/086193&**r**PN1-EXCHU**c**09909197**\$1**9316891\$** mail**e**d: Name: David G. Conlin 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 27,026 ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Dike, Bronstein, Roberts & Cushman, LLP ☐ Authorized to be charged to deposit account 130 Water Street 8. Deposit account number: City: Boston State/Prov.: MA 04-1105 _____ZIP: 02109 Country: U.S.A. 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. David G. Conlin September 28, 1998 Name of Person Signing Signature Date

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ASSIGNMENT

I Hideo SAKUMA
for good and valuable consideration from Sharp Kabushiki Kaisha, a Japanese corporation, having its principal place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. * signed by me September 21 , 1998
for Improvements in <u>SEMICONDUCTOR MEMORY DEVICE AND SALES</u>
PROCESSOR HAVING THE SAME
including all priority rights ensuring therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent. And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.
* Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.
IN WITNESS WHEREOF, I, Hideo SAKUMA, hereunto set my hand and seal this 21th day of September, 1998, Hideo Sakuma, (Hideo SAKUMA)

RECORDED: 09/28/1998

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