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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

Attorney's Docket No. 009683-396

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Mitsuru SUGITA	Name: Mitsubishi Denki Kabushiki Kaisha
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name	Address: 2-3, Marunouchi 2-chome Chiyoda-ku Tokyo 100-8310, Japan
Other: Execution Date: March 1, 2002	Additional name(s) & address(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the A. Patent Application No.(s)	execution date of the application is: March 1, 2002 B. Patent No.(s)
Additional numbers attached? [] Yes [X] No	
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1
Name: Platon N. Mandros Address: Burns, Doane, Swecker & Mathis, L.L.P.	7. Total fee (37 CFR § 3.41): \$ 40.00 [X] Enclosed
P.O. Box 1404	[X] Authorized to be charged to deposit account, if necessary
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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. March 20, 2002 Platon N. Mandros Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2	
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02 FC:581

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, (1) Mitsuru SUGITA who have made a certain new and useful invention, hereby sell, assign and transfer unto Mitsubishi Denki Kabushiki Kaisha of 2-3. Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled NONVOLATILE SEMICONDUCTOR MEMORY DEVICE WITH BACKUP MEMORY BLOCK (a) for which an application for United States Letters Patent was filed on ______ and identified by United States Serial No. _____; or (b) for which an application for United States Letters Patent was executed on March 1, 2002 and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals. continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE: AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: DATE SIGNED **INVENTORS** March 1, 2002 5) Name: 6) 8)

RECORDED: 03/20/2002

Name:

PATENT REEL: 012715 FRAME: 0928