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To the Hundrable Compositioner of Patents and Trademarks: PI	ease record the attached original documents or copy thereof.	
1. Name f conveying strty(ies) PE PE No No Additional name(s) of conveying party(ies) attroacd? Yes Yes Yes Yes Yes Yes Yes Yes	 Name and address of receiving party(ies): Name: <u>Tokyo Electron Limited</u> Internal Address: <u>3-6, Akasaka 5-Chome, Minato-ku,</u> Tokyo 107-8481, JAPAN 	
3. Nature of conveyance:		
X Assignment Merger Security Agreement Change of Name Other	Street Address: <u>Same as above</u> City: State: Zip:	
Execution Date: February 16, 1999	Additional names(s) & address(es) attached? YesX No	
09/206,057 Additional numbers attache 5. Name and address of party to whom correspondence concerning document should be mailed: Name:Mitchell P. Brook, Esq	 d? <u>Yes X</u> No 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41)\$ <u>40.00</u> 	
Internal Address: <u>Baker & McKenzie</u> <u>101 West Broadway</u> <u>12th Floor</u> Street Address: <u>Same As Above</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92101</u>	 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: 02-0410 (Attached 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 forgoing info copy of the original document. <u>Mitchell P. Brook</u> Name of Person Signing Signature	ormation is true and correct and any attached copy is a true Auro March 5, 1999 e Date	
Total number of pages including cover sheet, attachments, and document:3		
Mail documents to be recorded with required cover sheet information to: COMMISSIONER OF PATENTS AND TRADEMARKS, BOX ASSIGNMENTS 03/15/1999 NTEKLENI 00000290 09206057 WASHINGTON, D.C. 20231 01 FC:581 40.00 0P		
116748.1	PATENT	

REEL: 9822 FRAME: 0320

Atty. Dkt. No. 21943-1002

ASSIGNMENT

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR"), by:

TOKYO ELECTRON LIMITED

3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, JAPAN

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

STORAGE DEVICE HAVING TESTING FUNCTION AND MEMORY

(Title of Invention)

assignment is

being filed after the filing of the application, this

section must be

completed)

(*If the

(Insert

ASSIGNEE'S Name(s) Address(es))

TESTING METHOD

for which application for Letters Patent of the United states was executed on even date herewith unless indicated otherwise below

December 4, *filed on <u>1998</u> [date], Serial No. <u>09/206,057</u>

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The ASSIGNOR(s) 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, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSIGNOR(s) agrees to perform all affirmative acts which may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

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Page 1 of 2

The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign countries to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grant MITCHELL P. BROOK, Reg. No. 32,967, LAURA L. PETERSON, Reg. No. 38,021, ADAM L.K. PHILIPP, Reg. No. 42,071, DAVID I. ROCHE, Reg. No. 30,767, PHILIP J. ZADEIK, Reg. No. 31,444 and RICHARD T. ROCHE, Reg. No. 38,599, all attorneys with the firm of BAKER & McKENZIE which has an office address at 101 West Broadway, 12th Floor, San Diego, CA 92101-3890, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

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Gasetiro hohanuna	Yasuhiro NAKAMURA	Feb. 16, 1999
(Signature)	(Type Name)	(Date)
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