Charge Deposit Account 502664 for any additional fees required for this conveyance and credit deposit account 502664 any amounts overpaid

DO NOT USE THIS SPACE

8. 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.

Michael G. Cleveland, Reg. No.: 46,030 Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and documents: 3

09/24/2003 WABRHAM1 000000**59 10665685**

40.00 OP /- F0:6021

PATENT

REEL: 014542 FRAME: 0082

Attorney Docket No.: SNDK.301US0

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Kazunori Kanebako of Yokohama, Japan and Tomoharu Tanaka, of Yokohama, Japan, hereby sell, assign and transfer to Kabushiki Kaisha Toshiba, a Japanese corporation, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

METHODS FOR IDENTIFYING NON-VOLATILE MEMORY ELEMENTS WITH POOR SUBTHRESHOLD SLOPE OR WEAK TRANSCONDUCTANCE

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this	day of)ept	, 2003.	
		Kazuroli	Kazunori Kanebako	
			Kazunori Kanebako	
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County of) s	S			
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SNDK.301US0

PATENT REEL: 014542 FRAME: 0083

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		Tomoharu Tanaka
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same in his/her/their at	uthorized capacity(ies)	, and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon b	ehalf of which the person(s) acted, executed the
instrument.		
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		SIGNATURE OF NOTARY

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SNDK.301US0

PATENT

Attorney Docket No.: SNDK.301US0

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Jeffrey W. Lutze of San Jose, CA, Jian Chen of San Jose, CA, and Yan Li of Milpitas, CA, hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, California, 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

METHODS FOR IDENTIFYING NON-VOLATILE MEMORY ELEMENTS WITH POOR SUBTHRESHOLD SLOPE OR WEAK TRANSCONDUCTANCE

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this] day of hugu	, 2003.
		Jeffrey W. Lutze
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County of)		
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is(are) subscribed to the same in his/her/their autl	within instrument and a horized capacity(ies), a	personally known to evidence to be the person(s) whose name(s) acknowledged to me that he/she/they executed the nd that by his/her/their signature(s) on the alf of which the person(s) acted, executed the
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SNDK.301US0

PATENT

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personally appear me or proved to n is(are) subscribed same in his/her/th	ne on the basis to the within i eir authorized	of satisfactory nstrument and capacity(ies), a	evidence to be acknowledged t nd that by his/h	personally known to the person(s) whose name(s) to me that he/she/they executed the er/their signature(s) on the experson(s) acted, executed the
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SNDK.301US0

Attorney Docket No.: SNDK.301US0

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Jeffrey W. Lutze of San Jose, CA, Jian Chen of San Jose, CA, and Yan Li of Milpitas, CA, hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, California, 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

METHODS FOR IDENTIFYING NON-VOLATILE MEMORY ELEMENTS WITH POOR SUBTHRESHOLD SLOPE OR WEAK TRANSCONDUCTANCE

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this day of	h_{ugust} , 2003.	
	Jeffrey W. Lutze	
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is(are) subscribed to the within instance in his/her/their authorized cap	personally know satisfactory evidence to be the person(s) whose name(s) rument and acknowledged to me that he/she/they executed acity(ies), and that by his/her/their signature(s) on the ty upon behalf of which the person(s) acted, executed the	d the
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SNDK.301US0

PATENT REEL: 014542 FRAME: 0087

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	_	Jian Ch	en
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PATENT REEL: 014542 FRAME: 0088

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET

PATENTS		CE
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED	
Name of conveying party(ies):	Name and address of receiving party(ies):	5
(a) Kazunori Kanebako (b) Tomoharu Tanaka		5685
Additional name(s) of conveying party(ies) attached?	1-1, Shibaura 1-chome, Minato-ku Tokyo	03945 U.S.
☐ Yes ☑ No	JAPAN	03
3. Nature of Conveyance:	Name and address of receiving party(ies):	
Assignment Merger	Name:	
Security Agreement Change of Name	Street Address:	
Other	City: State: Zip:	
Execution Date: (a) 9/01/03 (b) 8/25/03	Country: Additional name(s) & address(es) attached? ☐ Yes ⊠ No	
Application number(s) or patent number(s):		
If this document is being filed together with a new application, the	e execution date of the application is: 9/01/03, 8/25/03	
A. Patent Application No.(s) -	B. Patent No.(s)	
Title:		
Additional num 5. Name and address of party to whom correspondence	pers attached? Yes No 6. Total number of applications and patents involved: 1	
concerning document should be mailed:	o. Total number of applications and patents involved.	
Name: Michael G. Cleveland		
Internal Address: Parsons Hsue & de Runtz LLP		
Street Address: 655 Montgomery Street, Suite 1800	7. Total fee (37 CFR 3.41): \$40.00	
City <u>San Francisco</u> State <u>CA</u> Zip <u>94111</u>	A check is enclosed that includes the total fee.	
	Charge Deposit Account 502664 for any additional fees required for this conveyance and credit deposit account 502664 any amounts overpaid	
DO NOT USE 1	HIS SPACE	
8. Statement and signature.		
To the best of my knowledge and belief, the foregoing information original document.	on is true and correct and any attached copy is a true copy of the	
Michael G. Cleveland, Reg. No.: 46,030 Name of Person Signing	Sent, 17, 200 Date	_
~ ~	umber of pages including cover sheet, attachments, and documents	:: 3

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> **PATENT REEL: 014542 FRAME: 0089**

RECORDED: 09/17/2003