

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SanDisk Corporation	04/04/2011
RECEIVING PARTY DATA	
Name:	SanDisk Technologies Inc.
Street Address:	6900 North Dallas Parkway
Internal Address:	Two Legacy Town Center
City:	Plano
State/Country:	TEXAS
Postal Code:	75024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7484149
CORRESPONDENCE DATA	
Fax Number:	(408)801-8512
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4088012863
Email:	simona.benjamin@sandisk.com
Correspondent Name:	SanDisk Corporation
Address Line 1:	601 Mccarthy Boulevard
Address Line 2:	Patent Department/Simona Benjamin
Address Line 4:	Milpitas, CALIFORNIA 95035
ATTORNEY DOCKET NUMBER:	SDK0272.004US
NAME OF SUBMITTER:	Simona Benjamin
Total Attachments: 5 source=page 44#page1.tif source=page 44#page2.tif source=page 44#page3.tif source=page 44#page4.tif source=page 44#page5.tif	

**CH \$40.00 7484149**

## ASSIGNMENT

**WHEREAS**, SanDisk Corporation, a Delaware corporation, doing business at 601 McCarthy Boulevard, Milpitas, CA 95035 (hereinafter referred to as **ASSIGNOR**), holds right, title and interest throughout the world in and to the patents and patent applications set forth in the attached Exhibit A, together with all divisions, continuations, or continuations-in-part thereof, and all patents issuing thereon including reissues, renewals, substitutions, re-examinations and extensions thereof, and any and all corresponding foreign patents and patent applications (hereinafter referred to as, collectively, **THE ASSIGNED PATENT RIGHTS**);

**WHEREAS**, SanDisk Technologies Inc., a Texas corporation, doing business at Two Legacy Town Center, 6900 North Dallas Parkway, Plano, Texas 75024, (hereinafter referred to as **ASSIGNEE**), is desirous of acquiring the full and exclusive right, title and interest in **THE ASSIGNED PATENT RIGHTS**;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNOR** hereby assigns, transfers and conveys unto the said **ASSIGNEE**, and **ASSIGNEE** accepts, all of **ASSIGNOR**'s right, title and interest throughout the world in and to **THE ASSIGNED PATENT RIGHTS** and to all Letters Patent or applications or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for **THE ASSIGNED PATENT RIGHTS**, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and **ASSIGNOR** hereby authorizes and requests the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for **THE ASSIGNED PATENT RIGHTS** to **ASSIGNEE** in accordance with the terms of this **ASSIGNMENT** but subject to reserved rights including but not limited to those previously retained by, granted to, or owned by, the United States government, educational institutions or both and hereby transfers and conveys all rights of action, power and benefit belonging to or accruing from **THE ASSIGNED PATENT RIGHTS** including the right to undertake proceedings to recover past and future damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this assignment.

No other rights, immunities, or licenses, including, without limitation, any rights to any intellectual property owned, controlled or licensable by **ASSIGNOR** are granted or assigned to **ASSIGNEE** under this **ASSIGNMENT**, either expressly or by implication, estoppel, or otherwise, other than the rights expressly recited herein.

**ASSIGNOR** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would knowingly conflict with this Agreement;

**ASSIGNOR** further covenants that **ASSIGNEE** will, upon its lawful request, reasonably be provided with all pertinent facts and documents relating to **THE ASSIGNED PATENT RIGHTS** and legal equivalents as may be known and reasonably accessible to **ASSIGNOR** and that **ASSIGNOR** will testify as to the same in any administrative contest or litigation related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce **THE ASSIGNED PATENT RIGHTS** and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand as of the date indicated below.

SANDISK CORPORATION

Dated: 4<sup>th</sup> April 2011

Judy Bruner  
Name: Judy Bruner  
Title: EVP 2nd CFO

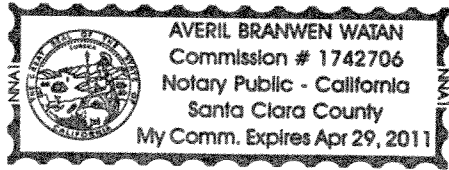
STATE OF California )  
COUNTY OF Santa Clara ) ss.

On this 4<sup>th</sup> day of April, 2011, before me Averil Branwen Watan (Notary Public), the undersigned Notary Public, personally appeared Judy Bruner,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: Averil Watan  
Signature of Notary Public

We accept the Assignment

SANDISK TECHNOLOGIES INC.

Dated: 4/4/11

James F. Brelsford  
Name: James F. Brelsford  
Title: President and Secretary

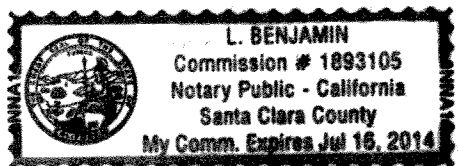
STATE OF California )  
COUNTY OF Santa Clara ) ss.

On this 4 day of April, 2011, before me L. Benjamin, the undersigned Notary Public, personally appeared JAMES F. BRELSFORD

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: L. Benjamin  
Signature of Notary Public

**Exhibit A**

FILE #	INVENTORS	TITLE	COUNTRY	STATUS	SER #	FILING DATE	PAT #	ISSUE DATE
SDK0271.003US	Nima Mokhlesi, Daniel Guterman	System And Method For Programming Cells In Non-Volatile Integrated Memory Devices	US	Published	12604904	23-Oct-09		
SDK0272.000US	Carlos J. Gonzalez, Daniel Guterman	Reducing The Effects Of Noise In Non-Volatile Memories Through Multiple Reads	US	Issued	10052888	18-Jan-02	6621739	16-Sep-03
SDK0272.001US	Carlos J. Gonzalez, Daniel Guterman	Reducing The Effects Of Noise In Non-Volatile Memories Through Multiple Reads	US	Issued	10439508	16-May-03	6785164	31-Aug-04
SDK0272.002US	Carlos J. Gonzalez, Daniel Guterman	Reducing The Effects Of Noise In Non-Volatile Memories Through Multiple Reads	US	Issued	10799416	12-Mar-04	6952365	4-Oct-05
SDK0272.003US	Carlos J. Gonzalez, Daniel Guterman	Reducing The Effects Of Noise In Non-Volatile Memories Through Multiple Reads	US	Issued	11191823	27-Jul-05	7177195	13-Feb-07
SDK0272.004US	Carlos J. Gonzalez, Daniel Guterman	Reducing The Effects Of Noise In Non-Volatile Memories Through Multiple Reads	US	Issued	11674000	12-Feb-07	7484149	7-Dec-10
SDK0274.000US	Jeffrey Craig, John S Mangan	Method and Apparatus for Dynamic Degradation Detection	US	Issued	10051833	16-Jan-02	7246268	17-Jul-07
SDK0275.000US	Khandker N Quader, Jian Chen	Read And Erase Verify Methods And Circuits Suitable For Low Voltage Non-Volatile Memories	US	Issued	10414132	14-Apr-03	6839281	4-Jan-05
SDK0275.001US	Khandker N Quader, Jian Chen	Read And Erase Verify Methods And Circuits Suitable For Low Voltage Non-Volatile Memories	US	Issued	10552948	11-Sep-06	7420846	2-Sep-08
SDK0276.000US	Stephen J. Gross, Geoffrey S Gongwer	Symbol Frequency Leveling in a Storage System	US	Issued	10230657	29-Aug-02	6941412	6-Sep-05
SDK0276.001US	Stephen J. Gross, Geoffrey S Gongwer	Symbol Frequency Leveling in a Storage System	US	Issued	11201007	9-Aug-05	7266026	4-Sep-07
SDK0278.001US	Carlos J. Gonzalez, Kevin Conley	Automated Wear Leveling In Non-Volatile Storage Systems	US	Issued	10686399	14-Oct-03	7120729	10-Oct-06
SDK0278.002US	Carlos J. Gonzalez, Kevin Conley	Automated wear leveling in non-volatile storage systems	US	Issued	11539972	10-Oct-06	7552272	23-Jun-09
SDK0279.000US	Jason Lin	Multi-Module Simultaneous Program, Erase Test, and Performance Method for Flash Memory	US	Issued	10000828	31-Oct-01	7127550	24-Oct-06
SDK0279.001US	Jason Lin	MULTI-MODULE SIMULTANEOUS PROGRAM, ERASE TEST, AND PERFORMANCE METHOD FOR FLASH MEMORY	US	Allowed	11551977	23-Oct-06		
SDK0280.000US	Jian Chen	Selective Operation Of A Multi-State Non-Volatile Memory System In A Binary Mode	US	Issued	9956340	17-Sep-01	6456528	24-Sep-02
SDK0280.001US	Jian Chen	Selective Operation Of A Multi-State Non-Volatile Memory System In A Binary Mode	US	Issued	10229258	26-Aug-02	6717847	6-Apr-04
SDK0280.003US	Jian Chen	Selective Operation Of A Multi-State Non-Volatile Memory System In A Binary Mode	US	Issued	10818926	5-Apr-04	7177184	13-Feb-07
SDK0280.004US	Jian Chen	Selective Operation Of A Multi-State Non-Volatile Memory System In A Binary Mode	US	Issued	11619533	3-Jan-07	7385854	10-Jun-08
SDK0281.000US	Robert Wallace	Card Manufacturing Technique And Resulting Card	US	Issued	9921664	3-Aug-01	6597061	22-Jul-03
SDK0281.001US	Robert Wallace	Card Manufacturing Technique And Resulting Card	US	Issued	10456077	6-Jun-03	7022547	4-Apr-06
SDK0282.000US	Kevin Conley, Carlos J. Gonzalez	Management Of Non-Volatile Memory Systems Having Large Erase Blocks	US	Published	10749831	30-Dec-03		
SDK0282.001US	Kevin Conley, Carlos J. Gonzalez	Management Of Non-Volatile Memory Systems Having Large Erase Blocks	US	Published	12433702	30-Apr-09		