

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
Application Number:	12973641
CORRESPONDENCE DATA	
Fax Number:	(408)801-9019
<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:	SDA-1590-US
NAME OF SUBMITTER:	Simona Benjamin
Total Attachments: 5 source=page 33#page1.tif source=page 33#page2.tif source=page 33#page3.tif source=page 33#page4.tif source=page 33#page5.tif	

CH \$40.00 12973641

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: 4th April 2011

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

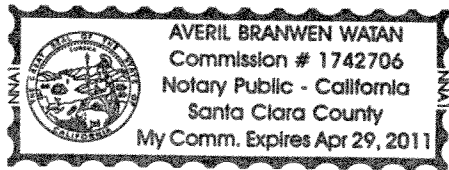
STATE OF California)
COUNTY OF Santa Clara) ss.

On this 4th 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

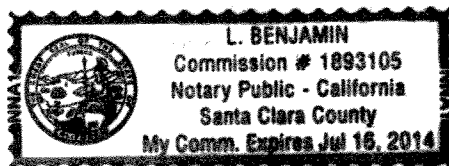
STATE OF California)
COUNTY OF Santa Clara) ss.

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
SDA-1590-US	Feng Pan, Jonathan Huynh	Charge Pump Systems with Reduction in Inefficiencies due to charge sharing between capacitances	US	Pending	12973641	20-Dec-10		
SDA-1592-US	Yan Li, Alon Marcu, Cynthia Hsu, Grishma Shailesh Shah, Cuong Trinh, Mehrdad Mofidi	Manual Suspend and Resume for Non-Volatile Memory	US	Pending	12978001	23-Dec-10		
SDA-1598P-US	Manuel Antonio D'Abreu, Steve Skala	System and Method of Data Encoding	US	Pending	61389100	1-Oct-10		
SDA-1599-US	Yan Li	Alternative Page by Page Programming Scheme	US	Pending	12974817	21-Dec-10		
SDA-1606-US	Baojing Liu, Aruna Gutta, Steve Skala	System and Method for Bonded Configuration Pad Continuity Check	US	Pending	13039110	2-Mar-11		
SDA-1608-US	Feng Pan, Jonathan Huynh, Viswakairan Popuri, Marco Cazzaniga	Wordline Leakage in Memory Arrays: Current Based Approach	US	Pending	13016732	28-Jan-11		
SDA-1610-US	Charles Moana Hook, Loc Tu, Nyi Nyi Thein, James Floyd Cardoso, Ian Arthur Myers	Memory Card Test Interface	US	Pending	13022404	7-Feb-11		
SDA-1613P-US	Nima Mokhlesj, Mohan Vamsi Dunga, Masaaki Higashitani	Non-Volatile Storage System with Shared Bit Lines Connected to Single Selection Device	US	Pending	61422385	13-Dec-10		
SDA-1616-US	Manuel Antonio D'Abreu, Steve Skala	Data Recovery Using Additional Error Correction Coding Data	US	Pending	13023147	8-Feb-11		
SDA-1622P-US	Jayavel Pachamuthu, Vinod Robert Puravath, George Matamis	Air Isolation in High Density Non-Volatile Memory	US	Pending	61432189	12-Jan-11		
SDA-1629-US	Yishai Kagan, Ilya Shlimenzon	Methods and Systems, and Computer Readable Media for Advance Power Management for Serial Advanced Technology Attachment (SATA)-Based Storage Device	US	Pending	13040519	4-Mar-11		
SDA-1631P-US	Mohan Vamsi Dunga, Sanghyun Lee, Masaaki Higashitani, Tuan D. Pham	PN Floating Gate Non-Volatile Storage Element	US	Pending	61450528	8-Mar-11		
SDA-1639-US	Sanghyun Lee, Mohan Vamsi Dunga, Masaaki Higashitani, Tuan D. Pham, Franz Kreuml	P-/METAL FLOATING GATE NON-VOLATILE STORAGE ELEMENT	US	Pending	61466295	22-Mar-11		
SDK0001.007US	Eliyahou Harari	Flash EEPROM System and Intelligent Programming and Erasing Methods Therefor	US	Issued	7563287	6-Aug-90	5268870	7-Dec-93
SDK0001.010US	Eliyahou Harari	Highly Compact EPROM and Flash EEPROM Devices	US	Issued	7777673	15-Oct-91	5268319	7-Dec-93
SDK0001.011US	Eliyahou Harari	Highly Compact EPROM and Flash EEPROM Devices	US	Issued	7776826	15-Oct-91	5268318	7-Dec-93
SDK0001.012US	Eliyahou Harari	Multi-State Flash EEPROM System Using Incremental Programming and Erasing Methods	US	Issued	7970949	3-Nov-92	5293560	8-Mar-94
SDK0001.013US	Eliyahou Harari	Flash EEPROM Memory Systems and Methods of Using Them	US	Issued	8116867	3-Sep-93	5434825	18-Jul-95
SDK0001.014US	Eliyahou Harari	Highly Compact EPROM and Flash EEPROM Devices	US	Issued	8154162	17-Nov-93	6570790	27-May-03
SDK0001.015US	Eliyahou Harari	Flash EEprom System Cell Array With More Than Two Storage States Per Memory Cell	US	Issued	8389295	16-Feb-95	5583812	10-Dec-96
SDK0001.017US	Eliyahou Harari	Highly Compact EPROM and Flash EEPROM Devices	US	Issued	8467762	6-Jun-95	5554553	10-Sep-96