

**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:	7593265
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-1250-US
NAME OF SUBMITTER:	Simona Benjamin
Total Attachments: 5 source=page 17#page1.tif source=page 17#page2.tif source=page 17#page3.tif source=page 17#page4.tif source=page 17#page5.tif	

CH \$40.00 7593265

## 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

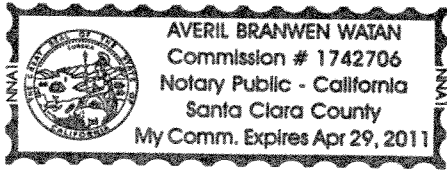
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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

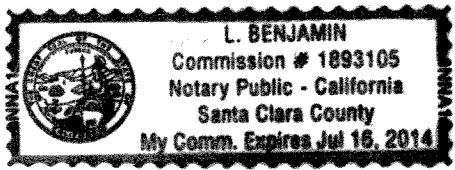
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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
SDA-1237-US	Steven T. Sprouse, Dhaval Parikh, Sukh Lobana, Shai Traister	Non-Volatile Memory Cell Endurance using Data Encoding	US	Issued	11903764	24-Sep-07	7697325	13-Apr-10
SDA-1238-a-US	Mei Yan, Chieh-Hao (John) Yang, Soloman Junzhi Wang, Paul McAvoy, Bahman Qawami, Farshid Sabet-Sharghi, Patricia Dwyer, Po Yuan	File System Filter Authentication	US	Published	12727030	18-Mar-10		
SDA-1238-US	Mei Yan, Chieh-Hao (John) Yang, Soloman Junzhi Wang, Paul McAvoy, Bahman Qawami, Farshid Sabet-Sharghi, Patricia Dwyer, Po Yuan	File System Filter Authentication	US	Published	11963960	24-Dec-07		
SDA-1239X-US	Mei Yan, Chieh-Hao (John) Yang, Bahman Qawami, Farshid Sabet-Sharghi, Patricia Dwyer, Po Yuan	Authentication for Access to Software Development Kit for a Peripheral Device	US	Published	12124450	21-May-08		
SDA-1239Y-US	Mei Yan, Chieh-Hao (John) Yang, Bahman Qawami, Farshid Sabet-Sharghi, Patricia Dwyer, Po Yuan	Systems for Authentication for Access to Software Development Kit for a Peripheral Device	US	Pending	12124456	21-May-08		
SDA-1240-US	Myeong Joon Kang	Portable Handheld Memory Card and Methods for Use Therewith	US	Published	11986389	20-Nov-07		
SDA-1241-US	Sergey Anatolievich Gorobets, Niv Cohen, Russ Reynolds	Method and System for Virtual Fast Access Non-Volatile RAM	US	Published	11939318	13-Nov-07		
SDA-1242-US	Bryan Mee, Yosief Ataklti, Alan Bennett	Data Protection After Possible Write Abort or Erase Abort	US	Published	12026357	5-Feb-08		
SDA-1243-US	Jason Lin, Shai Traister, Sergey Anatolievich Gorobets	Pointers for Write Abort Handling	US	Published	12026472	5-Feb-08		
SDA-1244-US	Sergey Anatolievich Gorobets, Alan Bennett, Neil Hutchinson, Shai Traister, Jason Lin	Write Abort and Erase Abort Handling	US	Published	12026021	5-Feb-08		
SDA-1245-US	James Xian Jun Liu, Robert C Chang, Po Yuan, Soloman Junzhi Wang, Ron Barzilaj, Bahman Qawami, Farshid Sabet-Sharghi	Integration of Secure Data Transfer Applications for Generic IO Devices	US	Published	11956042	13-Dec-07		
SDA-1246-US	Dana Lee, Nima Mokhesi, Deepak C. Sekar	Regulation of Source Potential to Combat Cell Source IR Drop	US	Issued	11961871	20-Dec-07	7764547	27-Jul-10
SDA-1250-a-US	Hao Thai Nguyen, Man Mui, Seungpil Lee	Low Noise Sense Amplifier Array and Method for Nonvolatile Memory	US	Published	12563918	21-Sep-09		
SDA-1250-US	Hao Thai Nguyen, Man Mui, Seungpil Lee	Low Noise Sense Amplifier Array and Method for Nonvolatile Memory	US	Issued	11966325	28-Dec-07	7593265	22-Sep-09
SDA-1251-US	Feng Pan, Jonathan Huynh, Qui Nguyen	Low Voltage Charge Pump with Regulation	US	Issued	11955221	12-Dec-07	7586362	8-Sep-09
SDA-1252-US	George Matamis, Henry Chien, Vinod Robert Purayath, Takashi Orimoto, James Kai	Floating Gate with Universal Etch Stop Layer	US	Published	11951998	6-Dec-07		
SDA-1253-I-US	Steven Cheng	Device Identifiers for Non-Volatile Memory Modules	US	Pending	13042043	7-Mar-11		
SDA-1253-US	Steven Cheng	Device Identifiers for Non-Volatile Memory Modules	US	Allowed	11952744	7-Dec-07		
SDA-1254-US	Feng Pan, Jonathan Huynh	Diode-Connected Regulation of Charge Pumps	US	Issued	11955237	12-Dec-07	7586363	8-Sep-09
SDA-1255-I-US	Feng Pan, Trung Pham, Byungki Woo	Read Verify Word Line Reference Voltage to Track Source Level	US	Published	12715858	2-Mar-10		