

## 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:	7532514
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:	SDK0458.002US
NAME OF SUBMITTER:	Simona Benjamin
Total Attachments: 5 source=page 53#page1.tif source=page 53#page2.tif source=page 53#page3.tif source=page 53#page4.tif source=page 53#page5.tif	

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PATENT  
REEL: 026335 FRAME: 0500

## 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

Name: Judy Bruner  
Title: EVP and CFO

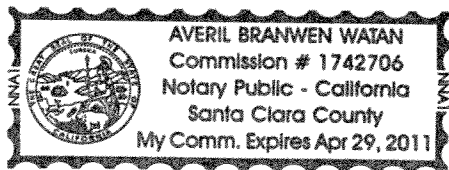
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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: [Signature]  
Signature of Notary Public

We accept the Assignment

SANDISK TECHNOLOGIES INC.

Dated: 4/4/11

Name: James F. Brelsford  
Title: President and Secretary

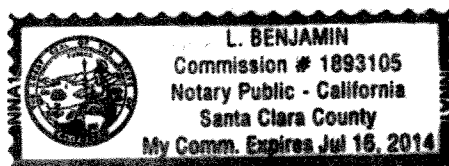
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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: [Signature]  
Signature of Notary Public

## Exhibit A

FILE #	INVENTORS	TITLE	COUNTRY	STATUS	SER #	FILING DATE	PAT #	ISSUE DATE
SDK0458.002US	Raul-Adrian Cernea, Yan Li, Mehrdad Mofidi, Shahzad Khalid	Non-Volatile Memory And Method With Bit Line To Bit Line Coupled Compensation	US	Issued	11848385	31-Aug-07	7532514	12-May-09
SDK0461.000US	Sergey Anatolievich Gorobets	Methods for Adaptively Handling Data Writes in Non-Volatile Memories	US	Issued	11261138	27-Oct-05	7509471	24-Mar-09
SDK0461.001US	Sergey Anatolievich Gorobets	Non-Volatile Memory With Adaptive Handling of Data Writes	US	Issued	11261150	27-Oct-05	7631162	8-Dec-09
SDK0462.000US	Jian Chen, Jeffrey Lutze, Yan Li	DETECTING OVER PROGRAMMED MEMORY	US	Issued	10629068	29-Jul-03	6917542	12-Jul-05
SDK0462.001US	Jian Chen, Yan Li, Jeffrey Lutze	DETECTING OVER PROGRAMMED MEMORY AFTER FURTHER PROGRAMMING	US	Issued	10628962	29-Jul-03	6914823	5-Jul-05
SDK0462.002US	Jian Chen, Jeffrey Lutze, Yan Li	DETECTING OVER PROGRAMMED MEMORY	US	Issued	11124709	9-May-05	7215575	8-May-07
SDK0466.000US	Kevin Conley, Robert C Chang, Jason Lin	Flash Storage System With Write/Erase Abort Detection Mechanism	US	Issued	10751096	31-Dec-03	7299314	20-Nov-07
SDK0466.001US	Jason Lin, Kevin Conley, Robert C Chang	Flash Storage System With Write/Erase Abort Detection Mechanism	US	Issued	11936440	7-Nov-07	7669004	23-Feb-10
SDK0467.000US	Alan Welsh Sinclair	Dual Media Storage Device	US	Issued	10772855	4-Feb-04	7136973	14-Nov-06
SDK0467.001US	Alan Welsh Sinclair	Dual Media Storage Device	US	Issued	11537404	29-Sep-06	7302534	27-Nov-07
SDK0470.000US	Kevin Conley, Sergey Anatolievich Gorobets	Pipelined Data Relocation And Improved Chip Architectures	US	Issued	10846289	13-May-04	7490283	10-Feb-09
SDK0470.001US	Sergey Anatolievich Gorobets, Kevin Conley	Pipelined Data Relocation And Improved Chip Architectures	US	Pending	12353185	13-Jan-09		
SDK0471.000US	Daniel Guterman, Nima Mokhesi, Yupin Fong	Efficient Verification for Course/Fine Programming of Non-Volatile Memory	US	Issued	10766217	27-Jan-04	7139198	21-Nov-06
SDK0471.001US	Nima Mokhesi, Daniel Guterman, Yupin Fong	Efficient Verification for Course/Fine Programming of Non-Volatile Memory	US	Issued	10766786	27-Jan-04	7002843	21-Feb-06
SDK0471.002US	Nima Mokhesi, Daniel Guterman, Yupin Fong	CHARGE PACKET METERING WITH COURSE/FINE PROGRAMMING OF NON-VOLATILE MEMORY	US	Issued	10766116	27-Jan-04	7068539	27-Jun-06
SDK0471.003US	Daniel Guterman, Nima Mokhesi, Yupin Fong	VARIABLE CURRENT SINKING FOR COARSE/FINE PROGRAMMING OF NON-VOLATILE MEMORY	US	Issued	11280716	16-Nov-05	7414887	19-Aug-08
SDK0471.004US	Daniel Guterman, Nima Mokhesi, Yupin Fong	CHARGE PACKET METERING WITH COURSE/FINE PROGRAMMING OF NON-VOLATILE MEMORY	US	Issued	11429770	8-May-06	7447075	4-Nov-08
SDK0471.005US	Nima Mokhesi, Daniel Guterman, Yupin Fong	CHARGE PACKET METERING WITH COURSE/FINE PROGRAMMING OF NON-VOLATILE MEMORY	US	Issued	11429769	8-May-06	7453730	18-Nov-08
SDK0471.006US	Daniel Guterman, Nima Mokhesi, Yupin Fong	Efficient Verification for Coarse Fine Programming of Non-Volatile Memory	US	Issued	11550502	18-Oct-06	7317638	8-Jan-08
SDK0471.007US	Daniel Guterman, Nima Mokhesi, Yupin Fong	Efficient Verification for Coarse Fine Programming of Non-Volatile Memory	US	Issued	11550499	18-Oct-06	7518928	14-Apr-09
SDK0477.000US	Alan Welsh Sinclair, Peter John Smith	Method and Apparatus for Maintaining Data on Non-Volatile Memory Systems	US	Issued	10897049	21-Jul-04	7395384	1-Jul-08
SDK0478.001US	Hem Takiar	MEMORY CARD WITH RAISED PORTION	US	Issued	10782969	20-Feb-04	7307848	11-Dec-07
SDK0478.002US	Hem Takiar, Robert C Miller	MEMORY CARD WITH AND WITHOUT ENCLOSURES	US	Issued	10851466	20-May-04	7416132	26-Aug-08
SDK0478.003US	Hem Takiar, Michael Patterson	MEMORY CARD WITH CHAMFER	US	Issued	10995989	23-Nov-04	7306161	11-Dec-07
SDK0478.004US	Hem Takiar, Robert C Miller	MEMORY CARD WITH PUSH-PUSH CONNECTOR	US	Issued	10952591	28-Sep-04	7336498	26-Feb-08
SDK0478.005US	Hem Takiar, Robert C Miller	MEMORY CARD WITH ADAPTER	US	Issued	10952609	28-Sep-04	7306160	11-Dec-07
SDK0478.006US	Hem Takiar	Peripheral Card with Hidden Test Pins	US	Issued	11930909	31-Oct-07	7864540	4-Jan-11
SDK0481.000US	Andrew Tomlin	Method For Copying Data in Reprogrammable Non-Volatile Memory	US	Issued	11022350	21-Dec-04	7849381	7-Dec-10