

**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:	11535628
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:	SDK0868.000US
NAME OF SUBMITTER:	Simona Benjamin
Total Attachments: 5 source=Assignment 79#page1.tif source=Assignment 79#page2.tif source=Assignment 79#page3.tif source=Assignment 79#page4.tif source=Assignment 79#page5.tif	

**CH \$40.00 11535628**

## 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

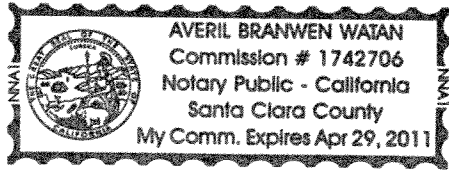
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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

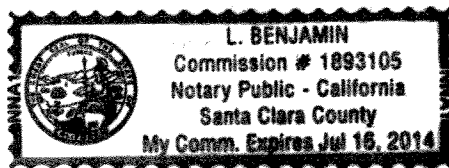
STATE OF California )  
COUNTY OF Santa Clara ) ss.

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
SDK0858.001US	Sergey Anatolevich Gorobets	System for Phased Garbage Collection With State Indicators	US	Issued	11541371	29-Sep-06	7444463	28-Oct-08
SDK0860.000US	Patricio Collantes, Robert C Miller, Steven T. Sprouse, Dhaval Parikh	Methods for ESD protection	US	Issued	11465049	16-Aug-06	7416419	26-Aug-08
SDK0860.001US	Patricio Collantes, Robert C Miller, Steven T. Sprouse, Dhaval Parikh	Connector with EDS protection	US	Issued	11465045	16-Aug-06	7581967	1-Sep-09
SDK0863.000US	Cheeman Yu, Hem Takiar, Chih Chin Liao	METHODS OF FORMING A SINGLE LAYER SUBSTRATE FOR HIGH CAPACITY MEMORY CARDS	US	Issued	11538220	3-Oct-06	7772107	10-Aug-10
SDK0865.000US	Fumitoshi Ito	Providing local boosting control implant for non-volatile memory	US	Allowed	11536389	28-Sep-06		
SDK0865.001US	Fumitoshi Ito	Non-volatile memory with local boosting control implant	US	Issued	11536416	28-Sep-06	7705387	27-Apr-10
SDK0867.000US	Dana Lee, Yingda Dong, Changyuan Chen, Jeffrey Lutze	Hybrid Programming Methods and systems for non-volatile memory storage elements	US	Published	11535452	26-Sep-06		
SDK0868.000US	Gerrit Jan Hemink, Shih-Chung Lee	Reducing program disturb in non-volatile storage	US	Published	11535628	27-Sep-06		
SDK0868.001US	Gerrit Jan Hemink, Shih-Chung Lee	Aparatus with reduced program disturb in non-volatile storage	US	Published	11535634	27-Sep-06		
SDK0869.000US	Gerrit Jan Hemink, Shih-Chung Lee	FASTER PROGRAMMING OF HIGHEST MULTI-LEVEL STATE FOR NON-VOLATILE MEMORY	US	Issued	11554223	30-Oct-06	7596031	29-Sep-09
SDK0871.000US	Neil Dunlop, Kevin Kealy	Method Combining Once-Writable And Rewriteable Information Storage To Support Data Processing	US	Issued	11529582	29-Sep-06	7730270	1-Jun-10
SDK0871.001US	Neil Dunlop, Kevin Kealy	Aparatus Combining Rewriteable/One Time One Time Programmable (OTP) Memory Product	US	Issued	11529555	29-Sep-06	7630225	8-Dec-09
SDK0872.000US	Fumitoshi Ito	Programming non-volatile memory with improved boosting	US	Issued	11516976	6-Sep-06	7440326	21-Oct-08
SDK0873.000US	Yishai Kagan	Method of High Performance Flash Memory Data Transfer	US	Issued	11424573	16-Jun-06	7525855	28-Apr-09
SDK0873.001US	Yishai Kagan	High-Performance Flash Memory Data Transfer	US	Issued	11424581	16-Jun-06	7366029	29-Apr-08
SDK0876.000US	Lee Merrill Gavens, Charles Michael Schroter, Shing Wong	Methods for Performing Resilient Firmware Upgrades to a Functioning Memory	US	Published	11594283	7-Nov-06		
SDK0876.001US	Lee Merrill Gavens, Charles Michael Schroter, Shing Wong	Memory Controllers for Performing Resilient Firmware Upgrades to a Functioning Memory	US	Published	11594583	7-Nov-06		
SDK0877.000US	Jason Lin	Method of High-Performance Flash Memory Data Transfer	US	Issued	11458422	19-Jul-06	7499369	3-Mar-09
SDK0877.001US	Jason Lin	High-Performance Flash Memory Data Transfer	US	Issued	11458431	19-Jul-06	7499339	3-Mar-09
SDK0880.000US	Yigal Brandman, Kevin Conley	Methods of soft-input soft-output decoding for non-volatile memory	US	Issued	11536286	28-Sep-06	7818653	19-Oct-10
SDK0880.001US	Yigal Brandman, Kevin Conley	Soft-input soft-output decoder for non-volatile memory	US	Issued	11536327	28-Sep-06	7904783	8-Mar-11
SDK0881.000US	Yigal Brandman, Kevin Conley	Method of adapting operation of non-volatile memory	US	Issued	11536347	28-Sep-06	7805663	28-Sep-10
SDK0882.000US	Yishai Kagan, Michael James McCarthy	Dual voltage flash memory methods	US	Issued	11537214	29-Sep-06	7656735	2-Feb-10
SDK0882.001US	Yishai Kagan, Michael James McCarthy	Dual voltage flash memory card	US	Issued	11537232	29-Sep-06	7675802	9-Mar-10