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:	12414567

CORRESPONDENCE DATA

Fax Number:	(408)801-9019

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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-1425-US
NAME OF SUBMITTER:	Simona Benjamin

Total Attachments: 5
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**PATENT
REEL: 026284 FRAME: 0827**

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

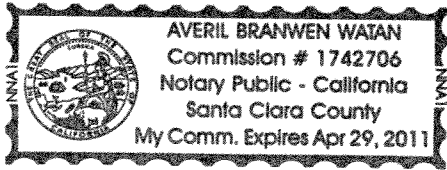Dated: 4th April 2011

Name: Judy Bruner
Title: EVP and CFO

STATE OF California)
) ss.
COUNTY OF Santa Clara)

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.

AVERIL BRANWEN WATAN
Commission # 1742706
Notary Public - California
Santa Clara County
My Comm. Expires Apr 29, 2011

Signature: _____
Signature of Notary Public

We accept the Assignment

SANDISK TECHNOLOGIES INC.

Dated: 4/4/11

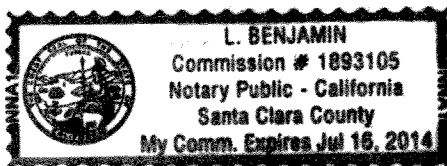Name: James F. Brelsford
Title: President and Secretary

STATE OF California)
) ss.
COUNTY OF Santa Clara)

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.

L. BENJAMIN
Commission # 1893105
Notary Public - California
Santa Clara County
My Comm. Expires Jul 16, 2014

Signature: _____
Signature of Notary Public

PATENT
REEL: 026284 FRAME: 0830

Exhibit A

FILE #	INVENTORS	TITLE	COUNTRY	STATUS	SER #	FILING DATE	PAT #	ISSUE DATE
SDA-1408-US	Gerrit Jan Hemink	Programming Non-Volatile Memory with High Resolution Variable Initial Programming Pulse	US	Published	12427013	21-Apr-09		
SDA-1409-US	Alan Welsh Sinclair, Nicholas Thomas	Micro-update architecture for address tables	US	Pending	12650182	30-Dec-09		
SDA-1411-US	Raul-Adrian Cernea	NON-VOLATILE MEMORY AND METHOD WITH TIME-DOMAIN SENSING	US	Allowed	12347876	31-Dec-08		
SDA-1412-US	Sergey Anatolievich Gorobets, Alexander Sasha Paley, Eugene Zilberman, Alan Bennett, Shai Traister	MAPPING ADDRESS TABLE MAINTENANCE IN A MEMORY DEVICE	US	Published	12348782	5-Jan-09		
SDA-1413-US	Sergey Anatolievich Gorobets, Alan Bennett, Eugene Zilberman	SPARE BLOCK MANAGEMENT IN NON-VOLATILE MEMORIES	US	Published	12348825	5-Jan-09		
SDA-1414-US	Alexander Sasha Paley, Sergey Anatolievich Gorobets, Eugene Zilberman, Alan Bennett, Shai Traister, Andrew Tomlin, William Wu, Bum So	NON-VOLATILE MEMORY AND METHOD WITH WRITE CACHE PARTITION MANAGEMENT METHODS	US	Published	12348899	5-Jan-09		
SDA-1415-US	Alexander Sasha Paley, Sergey Anatolievich Gorobets, Eugene Zilberman, Alan Bennett, Shai Traister, Andrew Tomlin, William Wu, Bum So	NON-VOLATILE MEMORY AND METHOD WITH WRITE CACHE PARTITIONING	US	Allowed	12348891	5-Jan-09		
SDA-1416-US	Sergey Anatolievich Gorobets, Bum So, Eugene Zilberman	WEAR LEVELING FOR NON-VOLATILE MEMORIES; MAINTENANCE OF EXPERIENCE COUNT AND PASSIVE TECHNIQUES	US	Published	12348819	5-Jan-09		
SDA-1417-US	Alexander Sasha Paley, Sergey Anatolievich Gorobets, Eugene Zilberman, Alan Bennett, Shai Traister, Andrew Tomlin, William Wu, Bum So	NONVOLATILE MEMORY WITH WRITE CACHE HAVING FLUSH/EVICTION METHODS	US	Published	12348895	5-Jan-09		
SDA-1419-US	Alan Welsh Sinclair	METHOD AND APPARATUS FOR RELOCATING SELECTED DATA BETWEEN FLASH PARTITIONS IN A MEMORY DEVICE	US	Published	12345990	30-Dec-08		
SDA-1420-US	Alan Welsh Sinclair	OPTIMIZED MEMORY MANAGEMENT FOR RANDOM AND SEQUENTIAL DATA WRITING	US	Published	12346451	30-Dec-08		
SDA-1421-1-US	Gautam Dusija, Jian Chen, Chris Nga Yee Avila, Jianmin Huang, Lee Merrill Gavens	NON-VOLATILE MEMORY AND METHOD WITH POST-WRITE READ AND ADAPTIVE RE-WRITE TO MANAGE ERRORS	US	Pending	12642728	18-Dec-09		
SDA-1421-2-US	Lee Merrill Gavens, Jian Chen	NON-VOLATILE MEMORY AND METHOD WITH ACCELERATED POST-WRITE READ TO MANAGE ERRORS	US	Pending	12874064	1-Sep-10		
SDA-1421-US	Jian Chen	NON-VOLATILE MEMORY AND METHOD WITH POST-WRITE READ AND ADAPTIVE RE-WRITE TO MANAGE ERRORS	US	Pending	12607522	28-Oct-09		
SDA-1423-US	Gerrit Jan Hemink	Detecting the Completion of Programming for Non-Volatile Storage	US	Pending	12492421	26-Jun-09		
SDA-1424-US	Ahmet Altay, Po Yuan, Soloman Junzhi Wang, Haluk Kent Tanik	Method and Host Device for Enforcing a Rule Associated with a Media File	US	Pending	12472929	27-May-09		
SDA-1425-US	Fumitoshi Ito, Shinji Sato	Fabricating and Operating a Memory Array Having a Multi-Level Cell Region and a Single-Level Cell Region	US	Published	12414567	30-Mar-09		
SDA-1426-US	Eliyahou Harari, Richard R. Heye, Robert David Selinger	Controller and Method for Interfacing Between a Host Controller in a Host and a Flash Memory Device	US	Pending	12539394	11-Aug-09		

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