## 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:	7768826	

#### CORRESPONDENCE DATA

Fax Number: (408)801-8512

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: SDK0785.004US

NAME OF SUBMITTER: Simona Benjamin

Total Attachments: 5

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#### 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	Gray Druner					
	Name: Judy Bruser Title: EVP and CFO					
STATE OF California ) COUNTY OF Santa Clava ) ss						
On this day of	efore me Aren I Branzon Watan (notary public), the undersigned Notary					
within instrument and acknowledged to me that	ence to be the person(s) whose name(s) is/are subscribed to the at he/she/they executed the same in his/her/their authorized on the instrument the person(s), or the entity upon behalf of which					
I certify under PENALTY OF PERJURY under the land correct.	aws of the State of California that the foregoing paragraph is true					
	WITNESS my hand and official seal.					
AVERIL BRANWEN WATAN Commission # 1742706 Notary Public - California Santa Ciara County Sunta Ciara County	Signature: Signature of Notary Public					
My Comm. Expires Apr 29, 2011	We accept the Assignment					
SANDISK TECHNOLOGIES INC.						
Dated: 4/4/11	Name: James F. Brelsford Title: President and Scenetary					
STATE OF California ) ss	· ·					
COUNTY OF Souto Clora ) ss						
On this day of, 2011, be Public, personally appeared, ###ES	efore me L-Benjamin, the undersigned Notary					
who proved to me on the basis of satisfactory evid	ence to be the person(s) whose name(s) is/are subscribed to the at he/she/they executed the same in his/her/their authorized					

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 Clear County
No. Commission # 1893105
Notary Public - California
Santa Clear County
No. Commission # 1893105

# Exhibit A

FILE#	INVENTORS	TITLE	COUNTRY	STATUS	SER#	FILING DATE	PAT#	ISSUE DATE
DK0785.004US	Fumitoshi Ito	Methods for partitioned erase and erase verification	US	Issued	12358633	23-Jan-09	7768826	3-Aug-10
	in non-volatile memory to compensate for							
	capacitive coupling effects							
SDK0788.000US Nima Mokhlesi	Method for Increasing Programming Speed for Non-	US	Issued	11425024	19-Jun-06	7349261	25-Mar-08	
		Volatile Memory by Applying Counter-Transitioning						
	Waveforms to Word Lines							
SDK0788.001US Nima Mokhlesi	System for Increasing Programming Speed for Non-	US	Issued	11425045	19-Jun-06	7492633	17-Feb-09	
		Volatile Memory by Applying Counter-Transitioning						
		Waveforms to Word Lines						
SDK0788.002US	Nima Mokhlesi	Method for Increasing Programming Speed for Non-	US	Issued	12018127	22-Jan-08	7468921	23-Dec-08
		Volatile Memory by Applying Direct-Transitioning						
		Waveforms to Word Lines						
DK0790.000US	Gerrit Jan Hemink	CONTROLLED BOOSTING IN NON-VOLATILE	US	Issued	11560744	16-Nov-06	7535763	19-May-09
5110750100000	osi ili sali ili sali sali sali sali sali	MEMORY SOFT PROGRAMMING		133404		25 1101 05	7505100	25 1712, 05
DK0790.001US	Gerrit Jan Hemink	SYSTEMS FOR CONTROLLED BOOSTING IN NON-	US	Issued	11560751	16-Nov-06	7697338	13-Apr-10
DN0130.00103	Germerannik	VOLATILE MEMORY SOFT PROGRAMMING	05	133464	11300731	10 1101 00	7037330	15 Apr 10
DK0790,002US	Gerrit Jan Hemink	Controlled Boosting in Non-Volatile Memory Soft	US	Issued	12757833	9-Apr-10	7911849	22-Mar-11
PANKO JAN'OO TO GELLIC TAU HEWINK	Gerricali Hellillik	· · · · · · · · · · · · · · · · · · ·	03	issucu	12/3/033	13-Whi-10	7311043	22-18/01-11
DK0791.000US	Nima Makhlari Vingda Dang	Programming Data Pattern Sensitivity Compensation using	US	Issued	11421871	2-Jun-06	7450421	11-Nov-08
V0/31/00002	Nima Mokhlesi, Yingda Dong	, ,	03	Issued	114216/1	Z-Jun-00	/430421	11-1/04-09
DV0704 004HC	Nima Makhlari Vinada Dana	Different Voltage	US	leave d	11421004	2 100 00	7210272	10 Dec 07
DK0791.001US	Nima Mokhlesi, Yingda Dong	System for Performing Data Pattern Sensitivity	03	Issued	11421884	2-Jun-06	7310272	18-Dec-07
DV0704 003UC	N: 14 111 : N: 1 5	Compensation Using Different Voltage	uc		44022622	4.11 07	75.04.472	141100
DK0791.002US	Nima Mokhlesi, Yingda Dong	System for Performing Data Pattern Sensitivity	US	Issued	11933632	1-Nov-07	7561473	14-Jul-09
DIVARAGE ANGULA	N. 144 J. S. 145 S. 144 J.	Compensation Using Different Voltage						
DK0792.000US	Alan Welsh Sinclair, Barry Wright	Management of Memory Blocks that Directly Store	US	Pending	11382224	8-May-06		
		Data Files						
DK0792.001US	Alan Welsh Sinclair, Barry Wright	Memory System with Management of Memory	US	Issued	11382228	8-May-06	7581057	25-Aug-09
		Blocks that Directly Store Data Files						
DK0793.001US	Alan Welsh Sinclair, Barry Wright	Indexing of File Data in Reprogrammable Non-	US	Allowed	11459255	21-Jul-06		
		Volatile Memory Systems that Directly Store Data						
		Files						
SDK0793.002US Alan	Alan Welsh Sinclair, Barry Wright	Reprogrammable Non-Volatile Memory Systems	US	Issued	11459246	21-Jul-06	7669003	23-Feb-10
		with Indexing of Directly Stored Data Files						
		,						
DK0800.000US	Teruhiko Kamei	Method and System for Programming Multi-State	US	Issued	11440511	25-May-06	7518911	14-Apr-09
		Non-Volatile Memory Devices						
DK0801.000US	Teruhiko Kamei	Method and System for Flash Memory Devices	US	Issued	11407816	20-Apr-06	7440322	21-Oct-08
DK0807.001US	Carlos J. Gonzalez, Edwin J Cuellar, Robert		US	Issued	11536886	29-Sep-06	7344072	18-Mar-08
DK0001.00103	C Miller, Ron LaPedis	Credit Card Sized OSD Hash Unive	05	133464	11330000	23-36p-00	1344012	10-14/41-00
DK0807.002US	Carlos J. Gonzalez, Edwin J Cuellar, Joel	Credit card sized USB flash drive	US	Issued	11953737	10-Dec-07	7537169	26-May-09
מאאייוסטאייו		CICCUR CATO SIZED OSD HESH UTIVE	03	Issued	11333131	10-060-01	1331103	20-1V1ay-03
	Jacobs, Robert C Miller, Ron LaPedis							
בחעתפוו מתחווכ	Alan Welsh Sinclair, Barry Wright	Reclaiming data Storage Capacity in Flash Memories	IIC	Issued	11382232	8-May-06	7450420	11-Nov-08
SDK0811.000US	Main weish sinciall, barry wright	Liverianning data profage capacity in Flash Memories	US	เรรนธต	11307737	o-ividy-U0	/430420	111-1404-09
CDV0011 001UC	Alan Wolah Cinalain Bann, Whialia	Paglaiming data Stepage Conseits in Floris Adversarias	lic	leane d	11202225	0 M 00	7550005	7 11 00
SDK0811.001US	Alan Welsh Sinclair, Barry Wright	Reclaiming data Storage Capacity in Flash Memories	lus	Issued	11382235	8-May-06	7558905	7-Jul-09
	D PLAT P	Systems	uc		44 100007	4.4 00	7426704	410:00
DK0814.000US	Prajit Nandi	Method and system for independent control of	US	Issued	11499067	4-Aug-06	7436724	14-Oct-08
		voltage and its temperature co-efficient in non-						
		volatile memory devices		<u> </u>				

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