

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven Sprouse</td> <td>04/06/2012</td> </tr> <tr> <td>Chris Avila</td> <td>04/06/2012</td> </tr> <tr> <td>Sergey Anatolievich Gorobets</td> <td>04/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven Sprouse	04/06/2012	Chris Avila	04/06/2012	Sergey Anatolievich Gorobets	04/09/2012
Name	Execution Date								
Steven Sprouse	04/06/2012								
Chris Avila	04/06/2012								
Sergey Anatolievich Gorobets	04/09/2012								
RECEIVING PARTY DATA									
Name:	SanDisk Technologies Inc.								
Street Address:	Two Legacy Town Center								
Internal Address:	6900 North Dallas Parkway								
City:	Plano								
State/Country:	TEXAS								
Postal Code:	75024								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13339017</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13339017				
Property Type	Number								
Application Number:	13339017								
CORRESPONDENCE DATA									
Fax Number:	(312)321-4299								
Phone:	312-321-4200								
Email:	usassignments@brinkshofer.com,chenry@brinkshofer.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Amir N. Penn								
Address Line 1:	P.O. Box 10395								
Address Line 2:	Brinks Hofer Gilson & Llonc								
Address Line 4:	Chicago, ILLINOIS 60610								
ATTORNEY DOCKET NUMBER:	10519-1854								
NAME OF SUBMITTER:	Amir N. Penn								

CH \$40.00 13339017

Total Attachments: 4

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ASSIGNMENT

WHEREAS, Steven Sprouse, Chris Avila and Sergey Anatolievich Gorobets, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **HYBRID MULTI-LEVEL CELL PROGRAMMING SEQUENCES**, for a full description of which reference is here made to an application for Letters Patent of the United States filed on December 28, 2011, and assigned Application Serial No. 13/339,017;

WHEREAS, SanDisk Technologies Inc., a corporation organized and existing under the laws of the State of Texas, having a place of business at Two Legacy Town Center, 6900 North Dallas Parkway, Plano, Texas 75024, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

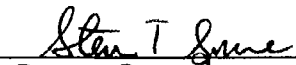

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents. The

Assignors hereby sell, assign, and transfer the entire right, title and interest to the Assignee as of the day of filing the application identified above.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	<u>4/6/12</u>	<u></u> Steven Sprouse
DATED:	<u>4/6/12</u>	<u></u> Chris Avila
DATED:	_____	_____ Sergey Anatolievich Gorobets

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WHEREAS, Steven Sprouse, Chris Avila and Sergey Anatolievich Gorobets, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **HYBRID MULTI-LEVEL CELL PROGRAMMING SEQUENCES**, for a full description of which reference is here made to an application for Letters Patent of the United States filed on December 28, 2011, and assigned Application Serial No. 13/339,017;

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DATED: _____

Steven Sprouse

DATED: _____

Chris Avila

DATED: 9th April 2012



Sergey Anatolievich Gorobets