PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2809092

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YACOV DUZLY	03/31/2014
HADAS OSHINSKY	03/30/2014
SHAHAR BAR-OR	04/01/2014
JUDAH GAMLIEL HAHN	03/30/2014

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

Property Type	Number
Application Number:	14249063

CORRESPONDENCE DATA

Fax Number: (312)321-4299

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 3123214200

usassignments@brinksgilson.com, jsoukup@brinksgilson.com Email:

Correspondent Name: JOSEPH F. HETZ

BRINKS GILSON & LIONE Address Line 1:

Address Line 2: PO BOX 10395

Address Line 4: CHICAGO, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	10519-2594 MSA-1518B-US
NAME OF SUBMITTER:	JOSEPH F. HETZ
SIGNATURE:	/Joseph F. Hetz/
DATE SIGNED:	04/10/2014

Total Attachments: 4

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PATENT

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> PATENT REEL: 032647 FRAME: 0905

<u>ASSIGNMENT</u>

WHEREAS, Yacov Duzly, Hadas Oshinsky, Shahar Bar-Or, and Judah Gamliel Hahn, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "Storage Module and Host Device for Storage Module Defragmentation," executed by Assignors on the same date as, or on a date prior to, this Assignment;

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 therefor 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.

> PATENT REEL: 032647 FRAME: 0906

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.

DATE:	31/3/2014	Yacov Duzly
DATE:	30.3.14	Hadas Oshinsky
DATE:	1.4.2011	Shahar Bar-Or
DATE:		Judah Gamliel Hahn

ASSIGNMENT

WHEREAS, Yacov Duzly, Hadas Oshinsky, Shahar Bar-Or, and Judah Gamliel Hahn, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "Storage Module and Host Device for Storage Module Defragmentation," executed by Assignors on the same date as, or on a date prior to, this Assignment;

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> PATENT REEL: 032647 FRAME: 0908

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.

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DATE:			
		Yacov Duzly	
DATE:			
		Hadas Oshinsky	
DATE:			
		Shahar Bar-Or	-
DATE:	3/30/2014		
		Judah Gamliel Hahn	