504659096 11/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4705818

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANDISK TECHNOLOGIES LLC	11/13/2017

RECEIVING PARTY DATA

Name:	me: SANDISK IL LTD	
Street Address:	7 ATIR YEDA STREET	
City:	KFAR SABA	
State/Country:	ISRAEL	
Postal Code:	4425	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Patent Number:	6510488		

CORRESPONDENCE DATA

Fax Number: (608)258-4258

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 608 258-4352

Email: ipdocketing@foley.com, Imanderson@foley.com

Correspondent Name: LINDA M. ANDERSON Address Line 1: **FOLEY & LARDNER LLP** Address Line 2: 150 EAST GILMAN STREET Address Line 4: MADISON, WISCONSIN 53703

ATTORNEY DOCKET NUMBER:	035905-7219
NAME OF SUBMITTER:	LINDA M. ANDERSON
SIGNATURE:	/Linda M. Anderson/
DATE SIGNED:	11/28/2017

Total Attachments: 4

source=name change to SanDisk IL Ltd#page1.tif source=name change to SanDisk IL Ltd#page2.tif source=name change to SanDisk IL Ltd#page3.tif source=name change to SanDisk IL Ltd#page4.tif

> **PATENT** REEL: 044234 FRAME: 0710 504659096

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, SANDISK TECHNOLOGIES LLC, 6900 Dallas Parkway, Suite 325, Plano, Texas 75024 ("Assignor") does hereby sell, assign, transfer, and convey unto SANDISK IL LTD. ("Assignee"), a company doing business at 7 Atir Yeda Street, Kfar Saba, 4425 Israel or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

- (a) the provisional patent applications, patent applications and patents listed in the Attached Appendix A (the "Patents");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances:
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents above and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like:
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (1), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

4833-0439-3043.1

- i. damages,
- ii. injunctive relief, and
- iii. any other remedies of any kind for past, current, and future infringement; and
- (i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Assignor represents, warrants and covenants that:

- Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and
- (2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, ruld restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-countly basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

4833-0439-3043.1

	IN WITNESS WHEREOF this Assignment of Patent Rights is executed on/3,20/7	November
--	---------------------------------------------------------------------------	----------

ASSIGNOR

E. Earle Thompson

Date: NOV. 13, 2017

SANDISK TECHNOLOGIES LLC 6900 DALLAS PARKWAY SUITE 325 PLANO, TEXAS 75024

4833-0439-3043.1

PATENT REEL: 044234 FRAME: 0713

Appendix A

SER#	COUNTR	FILING	PAT#	Status	TITLE
151293	IL	Feb 4, 2002	151293	Issued	Method for Fast Wake-Up of a Flash Memory System
2002563351	JP	Feb 4, 2002	4279553	Issued	Method for Fast Wake-Up of a Flash Memory System
20027013199	KR	Feb 4, 2002	10-0558631	Abandoned	Method for Fast Wake-Up of a Flash Memory System
09775499	US	Feb 5, 2001	6510488	Issued	Method for Fast Wake-Up of a Flash Memory System
US02002808	WO	Feb 4, 2002	n/a	Completed	Method for Fast Wake-Up of a Flash Memory System
200680021190	CN	May 9, 2006	ZL200680021190.9	Issued	Method and system for facilitating fast wake-up of a flash memory system
067283390	EP	May 9, 2006	n/a	Abandoned	Method and system for fast wake-up of a flash memory system optimized for frequent power failures
2008510721	JP	May 9, 2006	5002586	Issued	Method and system facilitating fast wake-up of a flash memory system
20077028410	KR	May 9, 2006	10-1286477	Issued	Method and system for fast wake-up of a flash memory system optimized for frequent power failures
IL06000550	WO	May 9, 2006	n/a	Completed	Method and system for fast wake-up of a flash memory system optimized for frequent power failures
60678902	US	May 9, 2005	n/a	Completed	Method and system for fast wake-up of a flash memory system optimized for frequent power failures
11382056	US	May 8, 2006	8244958	lssued	Method and system for facilitating fast wake-up of a flash memory system
14459885	US	Aug 14, 2014	RE46446	Issued	Method and system for facilitating fast wake-up of a flash memory system

4833-0439-3043.1

RECORDED: 11/28/2017

PATENT REEL: 044234 FRAME: 0714