

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3291504

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHENCHE HUANG	03/31/2015
CHUN-MING WANG	03/31/2015
YUKI MIZUTANI	03/31/2015
HIROAKI KOKETSU	03/31/2015
MASAYUKI HIROI	03/31/2015
MASAAKI HIGASHITANI	03/31/2015
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:	14675162
CORRESPONDENCE DATA	
Fax Number:	(703)391-2901
<i>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.</i>	
Phone:	703 391 2900
Email:	ptonotices@marburylaw.com
Correspondent Name:	THE MARBURY LAW GROUP, PLLC
Address Line 1:	11800 SUNRISE VALLEY DRIVE
Address Line 2:	15TH FLOOR
Address Line 4:	RESTON, VIRGINIA 20191
NAME OF SUBMITTER:	PATRICK MCCONVILLE
SIGNATURE:	/pmcconville/
DATE SIGNED:	03/31/2015

Total Attachments: 3

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ASSIGNMENT AND AGREEMENT

WHEREAS, **Chenche HUANG, Chun-Ming WANG, Yuki MIZUTANI, Hiroaki KOKETSU, Masayuki HIROI, and Masaaki HIGASHITANI** (hereinafter referred to singly and collectively as "ASSIGNOR") has invented a certain invention entitled **BRIDGE LINE STRUCTURE FOR BIT LINE CONNECTION IN A THREE-DIMENSIONAL SEMICONDUCTOR DEVICE**, for which a U.S. non-provisional application was filed on March 31, 2015, as Application No. 14/675,162.

WHEREAS, **SANDISK TECHNOLOGIES INC.**, having its principal place of business at *Two Legacy Town Center, 6900 North Dallas Parkway, Plano, TX 75024* (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

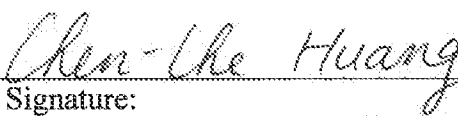
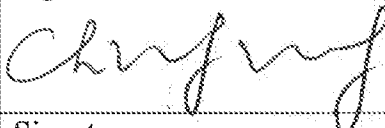
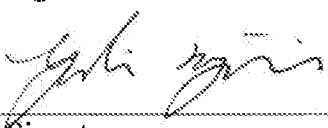
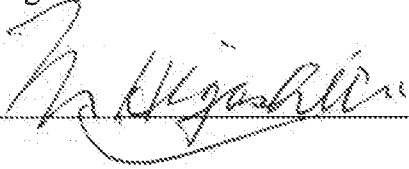
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and

protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **The Marbury Law Group PLLC** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **The Marbury Law Group PLLC** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTOR		
Name: Chenche HUANG	Signature: 	Date: 3/31/2015
Name: Chun-Ming WANG	Signature: 	Date: March 31, 2015
Name: Yuki MIZUTANI	Signature: 	Date: 3/31/2015
Name: Hiroaki KOKETSU	Signature:	Date:
Name: Masayuki HIROI	Signature:	Date:
Name: Masaaki HIGASHITANI	Signature: 	Date: 3/31/2015

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NAMES AND SIGNATURES OF INVENTOR		
Name: Chenche HUANG	Signature:	Date:
Name: Chun-Ming WANG	Signature:	Date:
Name: Yuki MIZUTANI	Signature:	Date:
Name: Hiroaki KOKETSU	Signature: <i>Hiroaki Koketsu</i>	Date: <i>31-3-2015</i>
Name: Masayuki HIROI	Signature: <i>Masayuki Hiroi</i>	Date: <i>March, 31, 2015</i>
Name: Masaaki HIGASHITANI	Signature:	Date: