502486625 09/06/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| | |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Jongsun Sel | 08/27/2013 |
| Yuji Takahashi | 08/27/2013 |

RECEIVING PARTY DATA

| Name: | SanDisk Technologies Inc. |
|-----------------|---|
| Street Address: | Two Legacy Town Center, 6900 North Dallas Parkway |
| City: | Plano |
| State/Country: | Texas |
| Postal Code: | 75024 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14018163 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | SNDK.840US0 |
|-------------------------|---------------------------------------|
| NAME OF SUBMITTER: | Peter A. Gallagher |
| Signature: | /Peter A. Gallagher, Reg. No. 47,584/ |
| Date: | 09/06/2013 |

Total Attachments: 1

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PATENT REEL: 031154 FRAME: 0949

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Jongsun Sel of Los Gatos, California Yuji Takahashi of Mie, Japan

hereby sell, assign and transfer to SanDisk Technologies, Inc., a Texas corporation, having a place of business at Two Legacy Town Center, 6900 North Dallas Parkway, Plano, Texas, 75024, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

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for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

| Executed this $2\eta^{1h}$ day of | Ang. , 2013. | |
|-----------------------------------|----------------------------------|--|
| | Jongsun Sel | |
| Executed this 27th day of | AUG. 2013. | |
| | Juji Fakahashi Yuji Takahashi | |

Attorney Docket No.: SNDK.840US0

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