

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2754645

| 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>RAUL ADRIAN CERNEA</td> <td>03/05/2014</td> </tr> <tr> <td>YUNG-TIN CHEN</td> <td>03/05/2014</td> </tr> <tr> <td>GEORGE SAMACHISA</td> <td>03/05/2014</td> </tr> </tbody> </table>   |                            | Name          | Execution Date | RAUL ADRIAN CERNEA  | 03/05/2014        | YUNG-TIN CHEN | 03/05/2014 | GEORGE SAMACHISA | 03/05/2014 |              |       |
| Name   | Execution Date             |               |                |                     |                   |               |            |                  |            |              |       |
| RAUL ADRIAN CERNEA   | 03/05/2014                 |               |                |                     |                   |               |            |                  |            |              |       |
| YUNG-TIN CHEN  | 03/05/2014                 |               |                |                     |                   |               |            |                  |            |              |       |
| GEORGE SAMACHISA   | 03/05/2014                 |               |                |                     |                   |               |            |                  |            |              |       |
| RECEIVING PARTY DATA   |                            |               |                |                     |                   |               |            |                  |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>SanDisk 3D LLC</td> </tr> <tr> <td>Street Address:</td> <td>951 SanDisk Drive</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>California</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>  |                            | Name:         | SanDisk 3D LLC | Street Address:     | 951 SanDisk Drive | City:         | Milpitas   | State/Country:   | California | Postal Code: | 95035 |
| Name:  | SanDisk 3D LLC             |               |                |                     |                   |               |            |                  |            |              |       |
| Street Address:  | 951 SanDisk Drive          |               |                |                     |                   |               |            |                  |            |              |       |
| City:  | Milpitas                   |               |                |                     |                   |               |            |                  |            |              |       |
| State/Country:   | California                 |               |                |                     |                   |               |            |                  |            |              |       |
| Postal Code:   | 95035                      |               |                |                     |                   |               |            |                  |            |              |       |
| 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>14196956</td> </tr> </tbody> </table>  |                            | Property Type | Number         | Application Number: | 14196956          |               |            |                  |            |              |       |
| Property Type  | Number                     |               |                |                     |                   |               |            |                  |            |              |       |
| Application Number:  | 14196956                   |               |                |                     |                   |               |            |                  |            |              |       |
| CORRESPONDENCE DATA  |                            |               |                |                     |                   |               |            |                  |            |              |       |
| <p>Fax Number: (415)276-6599</p> <p>Phone: (415) 276-6500</p> <p>Email: cindytalivaa@dwt.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: DAVIS WRIGHT TREMAINE LLP</p> <p>Address Line 1: 505 MONTGOMERY STREET, SUITE 800</p> <p>Address Line 4: SAN FRANCISCO, CALIFORNIA 94111</p> |                            |               |                |                     |                   |               |            |                  |            |              |       |
| ATTORNEY DOCKET NUMBER:  | 0084567-810US1             |               |                |                     |                   |               |            |                  |            |              |       |
| NAME OF SUBMITTER:   | PHILIP YAU                 |               |                |                     |                   |               |            |                  |            |              |       |
| Signature:   | /Philip Yau, Reg # 32,892/ |               |                |                     |                   |               |            |                  |            |              |       |
| Date:  | 03/05/2014                 |               |                |                     |                   |               |            |                  |            |              |       |
| <p>Total Attachments: 1</p> <p>source=SNDK.810US1 Assignment#page1.tif</p>   |                            |               |                |                     |                   |               |            |                  |            |              |       |

PATENT

**ASSIGNMENT**

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

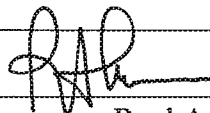
Raul Adrian Cernea of Santa Clara, California  
Yung-Tin Chen of Santa Clara, California  
George Samachisa of San Jose, California

hereby sell, assign and transfer to SanDisk 3D LLC, a Delaware corporation, having a place of business at 951 SanDisk Drive, Milpitas, California 95035, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

**3D NON-VOLATILE MEMORY HAVING LOW-CURRENT CELLS AND METHODS**

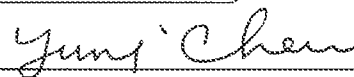
for which we filed a United States Patent Application on March 4, 2014, which now has Serial No. 14/196,956, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the 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 5<sup>th</sup> day of MARCH, 2014.



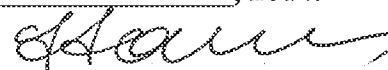
Raul Adrian Cernea

Executed this 5<sup>th</sup> day of March, 2014.



Yung-Tin Chen

Executed this 5<sup>th</sup> day of March, 2014.



George Samachisa

Attorney Docket No.: 0084567-810US1