

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Deok-Su HAN</td> <td>12/16/2011</td> </tr> <tr> <td>Hwan-Chul KIM</td> <td>12/16/2011</td> </tr> <tr> <td>Seok-Joo KIM</td> <td>12/16/2011</td> </tr> <tr> <td>Hyu-Bum PARK</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Deok-Su HAN	12/16/2011	Hwan-Chul KIM	12/16/2011	Seok-Joo KIM	12/16/2011	Hyu-Bum PARK	12/16/2011
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CORRESPONDENCE DATA											
<p>Fax Number: (212)736-2427</p> <p>Phone: 212-736-1257</p> <p>Email: ddk@ddkpatent.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Cary Kappel</p> <p>Address Line 1: Davidson Davidson &amp; Kappel, LLC</p> <p>Address Line 2: 485 Seventh Avenue</p> <p>Address Line 4: New York, NEW YORK 10018</p>											
ATTORNEY DOCKET NUMBER:	423.1066										
NAME OF SUBMITTER:	Cary Kappel										
<p>Total Attachments: 2</p> <p>source=assignmentasfiled#page1.tif</p> <p>source=assignmentasfiled#page2.tif</p>											

CH \$40.00 13327991

ASSIGNMENT

Docket No.: 423.1066**ASSIGNMENT**

WHEREAS, I (We), Deok-Su HAN, residing at 6-202, Art Villa, 390-26, Samseong-dong, Dong-gu, Daejeon 300-816, Republic of Korea ; Hwan-Chul KIM residing at 104-1307, Jueun Chongsol Apt., Jinsa-ri, Gongdo-eup, Anseong-si, Gyeonggi-do 456-715, Republic of Korea; Seok-Joo KIM, residing at 401-1903, Saetteum Hyundai 4-cha Apt., Geumheung-dong, Gongju-si, Chungcheongnam-do 314-755, Republic of Korea and Hyu-Bum PARK, residing at 1-301, Mokhwa Apt., Gyo-ri, Jochiwon-eup, Yeongi-gun, Chuncheongnam-do 339-801, Republic of Korea, ASSIGNOR(S), have invented certain new and useful improvements in CHEMICAL MECHANICAL POLISHING SLURRY COMPOSITION AND METHOD FOR PRODUCING SEMICONDUCTOR DEVICE USING THE SAME, an application for a Patent of the United States for which:

\_\_\_ I (we) am (are) about to execute;  
was executed on \_\_\_\_\_ (date(s));  
X is identified by Davidson, Davidson & Kappel, LLC, Docket No. 423.1066;  
was filed on \_\_\_\_\_ Serial No. \_\_\_\_\_  
X I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC of 485 Seventh Avenue, 14<sup>th</sup> Floor, New York, New York 10018 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known; and

WHEREAS, Soulbrain Co., LTD, 4<sup>th</sup> Floor, Humaxvillage, 11-4, Sunae 1 (il)-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-825, Republic of Korea, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and


I (WE) HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 2011 - 12 - 16

  
Deok-Su HAN

Dated: 2011 - 12 - 16

  
Hwan-Chul KIM

Dated: 2011 - 12 - 16

  
Seok-Joo KIM,

Dated: 2011 - 12 - 16

  
Hyu-Bum PARK