

PATENT ASSIGNMENT

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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>Minseok S. KIM</td><td>10/26/2011</td></tr><tr><td>Taeseok SIM</td><td>10/26/2011</td></tr><tr><td>Jongmyeon PARK</td><td>10/26/2011</td></tr><tr><td>Jeong-Gun LEE</td><td>10/26/2011</td></tr><tr><td>Hun Joo LEE</td><td>10/26/2011</td></tr></tbody></table>	Name	Execution Date	Minseok S. KIM	10/26/2011	Taeseok SIM	10/26/2011	Jongmyeon PARK	10/26/2011	Jeong-Gun LEE	10/26/2011	Hun Joo LEE	10/26/2011	
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Hun Joo LEE	10/26/2011												
RECEIVING PARTY DATA													
Name:	SAMSUNG ELECTRONICS CO., LTD.												
Street Address:	416, MAETAN-DONG, YEONGTONG-GU,												
City:	SUWON-SI, GYEONGGI-DO,												
State/Country:	REPUBLIC OF KOREA												
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>13283636</td></tr></tbody></table>	Property Type	Number	Application Number:	13283636									
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Application Number:	13283636												
CORRESPONDENCE DATA													
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ATTORNEY DOCKET NUMBER:	YPL1011US												
NAME OF SUBMITTER:	Amy Bizon-Copp												
Total Attachments: 2 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif													

OP \$40.00 13283636

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PATENT
REEL: 027137 FRAME: 0529

ASSIGNMENT

WHEREAS WE,

Minseok S. KIM of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea;

Taeseok SIM of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea;

Jongmyeon PARK of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea;

Jeong-Gun LEE of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and

Hun Joo LEE of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea;

(hereinafter collectively referred to as the "ASSIGNORS"), have invented certain new and useful improvements in:

HYDRODYNAMIC FILTER, FILTERING APPARATUS INCLUDING THE SAME, AND FILTERING METHOD USING THE HYDRODYNAMIC FILTER

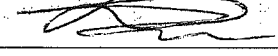
(hereinafter referred to as the "INVENTION") which claims priority to Korean Application No. 10-2010-0122926, filed on December 3, 2010; and for which we are about to file an application for a United States Patent (hereinafter collectively referred to as the "APPLICATIONS");


AND WHEREAS, **Samsung Electronics Co., Ltd.** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of the Republic of Korea, having a place of business at **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea**, is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any and all Patents to be obtained therefor;


NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS,


have assigned and transferred, and hereby assign and transfer unto ASSIGNEE, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEE; and we do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, its successors or assigns, and that we will, at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

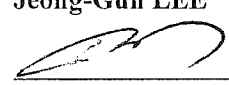
The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: Oct. 26, 2011  L.S.
Minseok S. KIM

Date: Oct. 26, 2011  L.S.
Taeseok SIM

Date: Oct. 26, 2011  L.S.
Jongmyeon PARK

Date: Oct. 26, 2011  L.S.
Jeong-Gun LEE

Date: Oct. 26, 2011  L.S.
Hun Joo LEE