

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sun-Il Shim</td> <td>04/02/2009</td> </tr> <tr> <td>Sung-Hoi Hur</td> <td>04/02/2009</td> </tr> <tr> <td>Jin-Ho Kim</td> <td>04/02/2009</td> </tr> <tr> <td>Su-Youn Yi</td> <td>04/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Sun-Il Shim	04/02/2009	Sung-Hoi Hur	04/02/2009	Jin-Ho Kim	04/02/2009	Su-Youn Yi	04/02/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>416 Maetan-Dong</td> </tr> <tr> <td>Internal Address:</td> <td>Yeongtong-gu, Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	416 Maetan-Dong	Internal Address:	Yeongtong-gu, Suwon-si	City:	Gyeonggi-do	State/Country:	REPUBLIC OF KOREA
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CORRESPONDENCE DATA											
Fax Number: (919)854-1401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 919-854-1400 Email: sfreedman@myersbigel.com Correspondent Name: Susan E. Freedman/MBSS Address Line 1: PO BOX 37428 Address Line 4: RALEIGH, NORTH CAROLINA 27627											
ATTORNEY DOCKET NUMBER:	5649-2515										
NAME OF SUBMITTER:	Susan E. Freedman										
Total Attachments: 5 source=5649-2515_Assignment#page1.tif											

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ASSIGNMENT - CONTINUED

fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day of April, 2009.

Sun Il Shim (SEAL)
Sun-II Shim

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of April, 2009.

Sung-Hoi Hur (SEAL)
Sung-Hoi Hur

Witnessed by:

Date: _____



ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of April, 2009.

Jin-Ho Kim (SEAL)
Jin-Ho Kim

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day
of April, 2009.

YISUYOUN (SEAL)
Su-Youn Yi

Witnessed by:

Date: _____

