

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Joo-Byoung YOON</td><td>11/09/2006</td></tr><tr><td>Jin-Sung KIM</td><td>11/09/2006</td></tr><tr><td>Kyung-Woo LEE</td><td>11/09/2006</td></tr><tr><td>Yeong-Cheol Lee</td><td>11/09/2006</td></tr><tr><td>Sang-Jun PARK</td><td>11/09/2006</td></tr><tr><td>Hye-Sun KIM</td><td>11/13/2006</td></tr></tbody></table>	Name	Execution Date	Joo-Byoung YOON	11/09/2006	Jin-Sung KIM	11/09/2006	Kyung-Woo LEE	11/09/2006	Yeong-Cheol Lee	11/09/2006	Sang-Jun PARK	11/09/2006	Hye-Sun KIM	11/13/2006	
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RECEIVING PARTY DATA															
Name:	Samsung Electronics Co., Ltd.														
Street Address:	416 Maetan-Dong, Yeongtong-Gu, Suwon-Si														
City:	Gyeonggi-do														
State/Country:	KOREA, REPUBLIC OF														
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>11562369</td></tr></tbody></table>	Property Type	Number	Application Number:	11562369											
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Application Number:	11562369														
CORRESPONDENCE DATA															
Fax Number: (503)274-4622 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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NAME OF SUBMITTER:	Hosoon Lee														

OP \$40.00 11562369

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PATENT
REEL: 018547 FRAME: 0634

Total Attachments: 2

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PATENT

REEL: 018547 FRAME: 0635

PATENT APPLICATION
Docket No.: 9898-548
Client Ref. No.: SS-26385-US

ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) Joo-Byoung YOON
- (2) Jin-Sung KIM
- (3) Kyung-Woo LEE
- (4) Yeong-Cheol LEE
- (5) Sang-Jun PARK
- (6) Hye-Sun KIM

☐ X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

SEMICONDUCTOR DEVICE HAVING STORAGE NODE ELECTRODE WITH PROTECTION FILM THEREON AND METHOD OF FABRICATING THE SAME


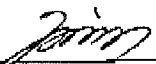
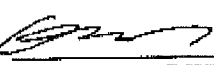

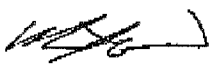
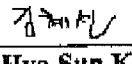
for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.



Please sign
concurrently
 with Oath or Declaration
 and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

INVENTOR(S)	DATE SIGNED	WITNESSED
(1)  Joo-Byoung YOON	<u>2006.11.08</u>	_____
(2)  Jin-Sung KIM	<u>2006.11.08</u>	_____
(3)  Kyung-Woo LEE	<u>2006.11.08</u>	_____
(4)  Yeong-Chul LEE	<u>2006.11.9</u>	_____
(5)  Sang-Jun PARK	<u>2006.11.08</u>	_____
(6)  Hye-Sun KIM	<u>2006.11.13</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom
 Marger Johnson & McCollom
 210 S.W. Morrison Street, Suite 400
 Portland, OR 97204