

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>Jeong-Yun LEE</td> <td>10/15/2010</td> </tr> <tr> <td>Ken TOKASHIKI</td> <td>10/15/2010</td> </tr> <tr> <td>Kyoung-Sub SHIN</td> <td>10/15/2010</td> </tr> <tr> <td>Jun-Ho YOON</td> <td>10/15/2010</td> </tr> <tr> <td>Hong CHO</td> <td>10/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jeong-Yun LEE	10/15/2010	Ken TOKASHIKI	10/15/2010	Kyoung-Sub SHIN	10/15/2010	Jun-Ho YOON	10/15/2010	Hong CHO	10/15/2010
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RECEIVING PARTY DATA													
Name:	SAMSUNG ELECTRONICS CO., LTD.												
Street Address:	416, Maetan-dong, Yeongtong-gu,												
Internal Address:	Gyeonggi-do												
City:	Suwon-si												
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>12913965</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12913965								
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CORRESPONDENCE DATA													
Fax Number:	(202)293-7860												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Mussie Beyene (Formalities Specialist)												

OP \$40.00 12913965

Total Attachments: 1

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Assignment

Whereas, We, Jeong-Yun LEE, Ken TOKASHIKI, Kyoung-Sub SHIN, Jun-Ho YOON, Hong CHO of Yongin-si, Republic of Korea, Seongnam-si, Republic of Korea, Seongnam-si, Republic of Korea, Suwon-si, Republic of Korea, Yongin-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD OF FABRICATING SEMICONDUCTOR DEVICE AND SYNCHRONOUS PULSE PLASMA ETCHING EQUIPMENT FOR THE SAME and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: Jeongyun Lee Oct. 15, 2010
s/Jeong-Yun LEE

Date: Ken Tokashiki Oct. 15, 2010
s/Ken TOKASHIKI

Date: Shin Oct. 15, 2010
s/Kyoung-Sub SHIN

Date: Jun Ho Yoon Oct. 15, 2010
s/Jun-Ho YOON

Date: Hong Cho Oct. 15, 2010
s/Hong CHO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)