

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seung-Duk Baek</td> <td>09/09/2005</td> </tr> <tr> <td>Sun-Won Kang</td> <td>09/09/2005</td> </tr> <tr> <td>Dong-Ho Lee</td> <td>09/09/2005</td> </tr> <tr> <td>Jong-Joo Lee</td> <td>09/09/2005</td> </tr> <tr> <td>Sang-Wook Park</td> <td>09/09/2005</td> </tr> </tbody> </table>		Name	Execution Date	Seung-Duk Baek	09/09/2005	Sun-Won Kang	09/09/2005	Dong-Ho Lee	09/09/2005	Jong-Joo Lee	09/09/2005	Sang-Wook Park	09/09/2005
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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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11305282</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11305282								
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Application Number:	11305282												
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:	Scott A. Schaffer												
Total Attachments: 2 source=9898-462assignment#page1.tif													

OP \$40.00 11305282

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) **Seung-Duk BAEK**
- (2) **Sun-Won KANG**
- (3) **Dong-Ho LEE**
- (4) **Jong-Joo LEE**
- (5) **Sang-Wook PARK**

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 PACKAGE MODULE WITHOUT A SOLDER BALL AND
METHOD OF MANUFACTURING THE SEMICONDUCTOR PACKAGE MODULE**

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:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Seungduk Baek</u> Seung-Duk BAEK	<u>09 September, 2005</u>	_____
(2) <u>Sunwon Kang</u> Sun-Won KANG	<u>09 Sept., 2005</u>	_____
(3) <u>Dongho Lee</u> Dong-Ho LEE	<u>09 September 2005</u>	_____
(4) <u>Jong-Joo Lee</u> Jong-Joo LEE	<u>09 Sept. 2005</u>	_____
(5) <u>Sang-Wook Park</u> Sang-Wook PARK	<u>09 September 2005</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

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