

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>Hyun-Soo CHUNG</td> <td>05/22/2007</td> </tr> <tr> <td>Seung-Kwan RYU</td> <td>05/22/2007</td> </tr> <tr> <td>Ju-Il CHOI</td> <td>05/22/2007</td> </tr> <tr> <td>Dong-Ho LEE</td> <td>05/22/2007</td> </tr> <tr> <td>Seong-Deok HWANG</td> <td>05/22/2007</td> </tr> </tbody> </table>		Name	Execution Date	Hyun-Soo CHUNG	05/22/2007	Seung-Kwan RYU	05/22/2007	Ju-Il CHOI	05/22/2007	Dong-Ho LEE	05/22/2007	Seong-Deok HWANG	05/22/2007
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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>11775120</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11775120								
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CORRESPONDENCE DATA													
Fax Number:	(503)274-4622												
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OP \$40.00 11775120

Total Attachments: 2
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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) **Hyun-Soo CHUNG**
- (2) **Seung-Kwan RYU**
- (3) **Ju-Il CHOI**
- (4) **Dong-Ho LEE**
- (5) **Seong-Deok HWANG**

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:

METHOD OF FORMING SEMICONDUCTOR CHIPS, THE SEMICONDUCTOR CHIPS SO FORMED AND CHIP-STACK PACKAGE HAVING 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:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Hyun Soo Chy</u> Hyun-Soo CHUNG	<u>2007. 5. 22</u>	_____
(2) <u>Seung-Kwan RYU</u> Seung-Kwan RYU	<u>2007. 5. 22</u>	_____
(3) <u>Ju-II Choi</u> Ju-II CHOI	<u>2007. 5. 22</u>	_____
(4) <u>Dong-Ho LEE</u> Dong-Ho LEE	<u>May 22, 2007</u>	_____
(5) <u>Seong-Deok HWANG</u> Seong-Deok HWANG	<u>May 22, 2007</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

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