

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hyun-Soo CHUNG	04/27/2007
Cha-Jea JO	04/28/2007
Dong-Ho LEE	04/28/2007
Seong-Deok HWANG	04/28/2007
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State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11751464
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PATENT

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PATENT APPLICATION
Docket No.: 9898-568
Client Ref. No.: SS-27864-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) **Hyun-Soo CHUNG**
- (2) **Cha-Jea JO**
- (3) **Dong-Ho LEE**
- (4) **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:

STACKED-TYPE SEMICONDUCTOR DEVICE HAVING COOLING PATH ON ITS BOTTOM SURFACE

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>Hyunsoo Chy</u> Hyun-Soo CHUNG	<u>25 April 2007</u>	_____
(2) <u>Cha-Jea JO</u> Cha-Jea JO	<u>28 April, 2007</u>	_____
(3) <u>Dong-Ho LEE</u> Dong-Ho LEE	<u>28 April, 2007</u>	_____
(4) <u>Seong-Deok HWANG</u> Seong-Deok HWANG	<u>28 Apr, 2007</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

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

