PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jong-Ho YUN	05/14/2007
Byung-Hee KIM	05/14/2007
Dae-Yong KIM	05/14/2007
Hyun-Su KIM	05/14/2007
Eun-Ji JUNG	05/14/2007
Eun-Ok LEE	05/14/2007

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

Property Type	Number
Application Number:	11757906

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ATTORNEY DOCKET NUMBER: 4591-567

NAME OF SUBMITTER: Hosoon Lee

PATENT

REEL: 019506 FRAME: 0555

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PATENT REEL: 019506 FRAME: 0556

PATENT APPLICATION
Docket No.: 4591-567
Client Ref. No.: IE16132-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) Jong-Ho YUN
- (2) Byung-Hee KIM
- (3) Dae-Yong KIM
- (4) Hyun-Su KIM
- (5) Eun-Ji JUNG
- (6) Eun-Ok LEE

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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:

METHODS OF FORMING A SEMICONDUCTOR DEVICE INCLUDING BURIED BIT LINES

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.

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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) Jong-Ho YUN Jong-Ho YUN	5/14/2007	
(2) Byung-Hee Kim Byung-Hee KIM	5/14/2007	
(3) Dae-Yong Kim Dae-Yong KIM	5/14/2009	
(4) Hyun-Su K[M Hyun-Su KIM	5/14/2007	
(5) Eun-J: JUNG Eun-Ji JUNG	5/14/2007	
(6) Ein-Ck Lee Eun-Ok LEE	5/14/2007	

PLEASE RETURN RECORDED ASSIGNMENT TO:

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

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RECORDED: 07/02/2007