275/062

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CHONG-KWANG CHANG, SUNG-HON YONG-JIN CHUNG, YOUNG-MOOK OF Additional name(s) of conveying party(ics) atta	I, ЛЈ-ВЕОМ YI	Name: Samsung Electron Internal Address: Street Address: 416 Mact City: Suwon-si, Gyeongg	
	Add	ditional name(s) & address	(es) attached? No
3. Nature of conveyance:  X Assignment Merger Security Agreement Change of N Other	laine		(40)
Execution Date: October 14, 2010 and Octo	bor 15, 2010	**************************************	
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with</li> <li>A. Patent Application No.(s)</li> <li>13/007,096</li> </ol>	• • • • • • • • • • • • • • • • • • • •	n date of the application is: Patent No.(s)	
/0.1	Additional numbers atta	ched? No	
<ol><li>Name and address of party to whom corresp document should be mailed:</li></ol>		Total number of application involved: One	ns and patents
Name: Eugene M. Lee Internal Address: LEE & MORSE, P.C. Street Address: 3141 Fairview Park Drive City: Falls Church, State: VA ZIP: 2204		·	
	7.	Total fee (37 C.F.R., 3.41)	\$40.00
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Attorney Docket No. 275/062	ding sover sheet attachments	and donounants 2 mages	attached incl. saver
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03615841
v/ginal documents or copy thereof
2. Name and address of receiving party(ies):
Name: Samsung Electronics Co., Ltd.
Internal Address:
Street Address: 416 Maetan-dong, Yeongtong-gu, City: Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA
Additional name(s) & address(es) attached? No
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ecution date of the application is:
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2. 1
1 10 N
6. Total number of applications and patents
involved: One
7. Total fee (37 C.F.R., 3,41)\$40.00
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Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto  SAMSUNG ELECTRONICS CO., LTD.,  416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do, Republic of Korea
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to
Title of	<u> </u>
Invention	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE as set forth in this United States Patent Application
,	cxecuted concurrently herewith
Check One	cxecuted on
	□ Serial No Filed

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application of the said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such I eners Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEB, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document on transcriment in conflict herewith;

Each of the undersigned further governants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention of patont application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, logal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of LEE & MORSE, P.C. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name: Chong-Kwang CHANG	Signature: Charge Charge	Date: 10/14/20/0		
Name: Sung-Hon CHI	Signature: A & W	Date: 14/10/20/0		
Name: Hong-Jae SHIN	Signature: Northon Shm	Date: /0/14/20/0		
Name: Yong-Jin CHUNG	Signature:	Date/0/14/2010		
Name: Young-Mook OH	Signature:	Date: 10/14/2010		
Name: Ju-Beom YI	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
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Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto SAMSUNG ELECTRONICS CO., LTD.,  416, Mactun-dong, Yeongtong-gu Sunvon-si, Gyeonggi-do, Republic of Korea
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Cheek One	□ executed concurrently herewith  □ executed on

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Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful caths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assign acid ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS				
Name: Chong-Rwang CHANG	Signature:	Pate:		
Name: Sung-Hon CHI	Signature:	Date:		
Name: Hong-Jee SHUN	Signature:	Date:		
Name: Yong-Jin CHUNG	Signature:	Date:		
Name: Young-Mook OH	Signature:	Date:		
Name: Ju-Beom YI	Signature: //	Date 2010.10.15		
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