PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	ГҮРЕ:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA		·			
			Vame	Execution Date		
YONG-SUNG CHO				07/02/2012		
NAM-HEE LEE				07/02/2012		
SANG-YONG YOON				07/02/2012		
RECEIVING PARTY I	ΟΑΤΑ					
Name:	SAMSUNG EL	SAMSUNG ELECTRONICS CO., LTD.				
Street Address:	416, MAETAN	416, MAETAN-DONG, YEONGTONG-GU,				
City:	SUWON-SI, G	SUWON-SI, GYEONGGI-DO,				
State/Country:	KOREA, DEM	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF				
Postal Code:	442-742					
Property Type		Number				
Application Number: 1		13546	3546120			
CORRESPONDENCE	DATA					
Fax Number: (571)283-0740						
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Email:	aloomis@volentine.com					
Correspondence will I US Mail.	be sent to the e-m	naíl ad	dress first; if that is unsuccessful, it will	be sent via		
Correspondent Name	: VOLENT	INE &	WHITT, PLLC			
Address Line 1:	•					
Address Line 4:	RESTON	I, VIRG	GINIA 20190			
ATTORNEY DOCKET NUMBER:		SEC.3107				
NAME OF SUBMITTER:		ADAM C. VOLENTINE				
Total Attachments: 2 source=Assignment#p						

	HITT, P.L.L.C. (01/2007) ATTORNEY DOCKET NO. <u>SEC.3107</u>						
	ASSIGNMENT						
	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned						
Insert Name(s) of Inventor(s)	1. Yong-Sung CHO 7						
	2. <u>Nam-Hee LEE</u> 88.						
	3. Sang-Yong YOON 9.						
	4 10						
	5 11						
Insert	6 12 the undersigned hereby sell(s) and assign(s) to						
Name(s) of Assignee(s) &	SAMSUNG ELECTRONICS CO., LTD.						
Address(es)	416, Maetan-dong, Yeongtong-gu, ofSuwon-si, Gyeonggi-do 442-742, Republic of Korea	u					
Date of Signing of Application	for which an application for patent in the United States of America has been executed by the undersigned on July 2, 2012						
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.						
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing. division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.						
	The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.						
	The undersigned agree(s) to perform all affirmative acts which may be necessary to ol a grant of a valid United States patent to the Assignee.	otain					
	Page 1 of 2						
	PATENT						

VOLENTINE & WHITT, P.L.L.C. (01/2007)		ATTORNEY DOCKET NO. <u>SEC.3107</u>
power to insert on this assignment a comply with the rules of the United The undersigned hereby authorize(s Patents of the United States resultin reissue applications thereof to the sa he has (they have) full right to conv	ny further identification w States Patent Office for re) and request(s) the Comm g from said application or hid Assignee, as Assignee of ey the entire interest herein	issioner of Patents to issue any and all Letters any division or divisions or continuing or of the entire interest, and hereby covenants that n assigned, and that he has (they have) not
executed, and will not execute, any In witness whereof, executed b name(s).		with. e date(s) opposite the undersigned
Date7.2	Signature of Inventor	Young Gung CHO
Date 20/2.7.2.	Signature of Inventor	Nam-Hec LEE
Date 2012. 7. 2	Signature of Inventor	HUNG YOON
Date	Signature of Inventor	
Date	_ Signature of Inventor	
Date	_ Signature of Inventor	
witnessed by at least to	o witnesses who sign here	t that the execution by the Inventor(s) be However, the current practice of the U.S. gnment even it has not been witnessed.)
Witness		
Witness		
Applicant Reference No. <u>CX</u>	**************************************	* * * * * * * * * * * * * * * * * * * *
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ECORDED: 07/11/2012		REEL: 028527 FRAME: 075