PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

CONVEYING PARTY DATA

Name	Execution Date			
II-jong SONG	04/04/2011			
Byeong-hoon LEE	04/08/2011			
Seung-won LEE	04/08/2011			
Chul-joon CHOI	04/08/2011			

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
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City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	442-742

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	13093254			

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SEC.2922		
NAME OF SUBMITTER:	Stephen R. Whitt		

Total Attachments: 2

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> **PATENT** REEL: 026180 FRAME: 0414

ASSIGNMENT

•		n consideration of the sum of One Double ideration paid to each of the undersign		and other good and valuable
Insert Name(s) of Inventor(s)	1.	11-jong SONG	7	
	2.	Byeong-hoon LEE	8	
	3.	Seung-won LEE	9,	
	4.	Chul-joon CHOI	10.	
	5. '		11	
1	6.		12.	
Insert Name(s) of Assignee(s) &	the u	undersigned hereby sell(s) and assign SAMSUNG ELEC		CO., LTD.
Address(es)	of	416, Maetan-dong, Yeo Suwon-si, Gyeonggi-do		
Title of Invention	State	cinafter designated as the Assignee) is as defined in 35 USC 100, in the in	vention leads	vn as
Date of Signing of Application		hich at application for patent in the		of America has been executed by

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 obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20987</u> the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

	Date	204.04	si si	gnature of Inve	ntor	Il-jong son	<u> [C</u> ;	lant.	
1	Date	2011.04.	28 Si	gnature of Inve	ntor _	Byeong-hoon	LER		
	Date	roli.e.c.	<u>в</u> si;	gnature of Inve	entor _	4	a		
	Date	>011. 04. Q	A si			Soung-won L			
	Date			partire of Thre		Chul-joon C	HOI		
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	Date	SAW	S	gesture of Inve	- And	KO		Han .	
		(Note regarding witnessed by at Patent and Trade	least two wi	tnesses who sign	here. H	lowever, the	current pra	actice of the	U.S.
		Witness							
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Applic	ant Re	eference No	IB-1913	380-US				·	,