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- }	To the Director of the U.S. Pater	103624893	hed document.		
_	No.	U.S. PTO			
	Name of conveying party(ies):  1) Young-Sun JEON	13/067071	4) Shi Hwa LEE		
	2) Ho Jin LEE	05/05/2011	5) Young Su MOON		
	3) Joon hyuk CHA	03/03/2011	6) Hyun Sang SANG		
	Name and Address of receiving pa SAMSUNG ELECTRONICS CO., 416, Maetan-dong, Yeongtong-ç Suwon-si, Gyeonggi-do 443-742	LTD. gu,			
	Nature of conveyance.				
	X Assignment	Merger			
	Security Agreement	Change	of Name		
	Other: Other: Execution Date(s): 1)3)4)5)6) Apr	ni 28 2011 2) May 2 20	011 12/11		
	Execution Dute(s). 110/4/0101 Apr	, , _ , _ , may ,	13/067041		
<ul> <li>4. Application number(s) or patent number(s):</li> <li>☑ This document is being filed together with a new application</li> </ul>					
	OR				
	☐ This document is being filed at	fter filing of the applicat	ion.		
	(a) Patent Application No(s)	, filed ; or			
	(b) Patent No(s) , issued				
	Name and address of party to whom correspondence concerning document should be mailed.				
	STAAS & HALSEY LLP Our Docket: 1911 1353				
	Attention David J. Cutitta	700			
	1201 New York Ave., N.W., Suite Washington, D.C. 20005	700			
	•				
	Total number of applications and patents involved1				
7. Total fee (37 CFR 3 41) (\$ 40 00 per Patent or Application in Assignment)					
	<ul><li>Enclosed</li><li>Authorized to be charged</li></ul>	to denosit account			
	Authorized to be charged	to deposit account.			
	Deposit Account No 19-3935 (Any underpayment is authorized to be charged to this Deposit Account (Attach duplicate copy of this page if paying by deposit account)				
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	d J. Cutitta, Reg. No. 52,790 e of Person Signing	Signature	May 5, 2011 Date		
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05/06/2011 SMOHAMME 00000061 13067071 04 FC:8021

PATENT REEL: 026277 FRAME: 0669

Docket No.: 1911.1353

## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea

(hereinafter, 'ASSIGNEE'), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

Tide of Invention)		
TRANSACTION SPLITTING APPA	ARATUS AND METHO	
elating to international Patent Application PCT/J vas executed on even date herewith or, if not so		hich application for Letters Patent of the United States
(a) executed on ;	(Insert date of exec	cution of application, if not concurrent)
(b) filed on ,		rney of STAAS & HALSEY UP, 1201 New York le 700 Washington, D.C. 20005 (202/434-1500) is
Serial No. ;	hereby authorized	to insert in (b) the specified data, when known
and to said application and all Letters Patent(s) c substitute, reissue or reexamination application granted and including any extensions thereof (c	based thereon, for the full term of	ald application and any continuation, division, renewal, or terms for which the sald Letters Patent(s) may be dication(s) and Letters Patent(s)?
to do all acts which the ASSIĞNEE may deem ni said invention, including in the preparation and interference, reissue, reexamination, or public u	ecessary, desirable or expedient, prosecution of said application(s) se proceeding, and in any litigation but not be limited to executing swom testimony, and obtaining a	•
Young-Sun JEON	2011,04,26	
Ho Jin LES  Joon Hydik CHA	>011 · 04· ×b	
Shi Hya LEE	2011, 04, 26	
Young Str MOON	2011, 04, 26	Var
5) Hyunday Pak	2011.04,28	
Hyun Sang Park. 7).		

**PATENT REEL: 026277 FRAME: 0670** 

Docket No.: 1911.1353

## **U.S. ASSIGNMENT**

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

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Republic of Korea	
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TRANSACTION SPLITTING APPARATUS	AND METHOD
relating to international Patent Application PCT/JP/	and/or for which application for Letters Patent of the Uted
(a) executed on ;	(insert date of execution of application, if not concurrent)
(b) filed on , Serial No. ;	Any registered attorney of STAAS & HALSEYLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/4341500) is hereby authorized to insert in (b) the specified data, when known.
renewal, substitute, relasue or reexamination application by may be granted and including any extensions thereof (collection of the ASSIGNOR agree(s), when requested by satisfication for said invention, including in the preparations protection for said invention, including in the preparations Patent(s), in any interference, reissue, reexamination which may arise or be declared in relation to same, such according to the properties of the declared in relation to same, such according to the properties of the declared in relation to same, such according to the declared in relation to same, such according to the declared in relation to same, such according to the declared in relation to same, such according to the declared in relation to same, such according to the declared in relation to the declared in rel	ed States granted on said application and any continuation, dision, ased thereon, for the full term or terms for which the said Letters Rent(s) actively, hereinafter, "said application(s) and Letters Patent(s) aid ASSIGNEE and without charge to but at the expense of said in necessary, desirable or expedient, for securing, maintaining and paration and prosecution of said application(s) and the issuance of said on, or public use proceeding, and in any litigation or other legarocaeding cts to include but not be limited to executing all papers, including separatividing swom testimony, and obtaining and producing evidence has (have) affixed his/her/their signature(s).  (Date) (Typed Name & Signature of Witness(es))
Young-Sun JEON  Young-Sun JEON  To Jin LEE  Joon Hyuk CHA	011.05,02
Shi Hwa LEE  5) Young Su MOON  Hyun Sang PARK	
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**PATENT REEL: 026277 FRAME: 0671** 

RECORDED: 05/05/2011