FO	RM PTO-1595	8/10/2011	U.S. DEPARTMENT OF CON
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	11 Staas & Halsoy LLP		)NLY
То	the Director of the U.S. Patent	03630543	I document.
1.	Name of conveying party(ies): Seo Young CHOI Du-Sik PARK Ho Young LEE	Ja	ilazs KRANICZ nos SCHANDA Young HONG
2.	Name and Address of receiving par	rty(ies):	
	SAMSUNG ELECTRONICS CO 416, Maetan-dong, Yeongtong Suwon-si, Gyeonggi-do 443-7 Republic of Korea	)., LTD. <sub>I</sub> -gu,	U.S. PTO 13/137290 08/03/2011
3.	Nature/of conveyance:	. ,	
	X Assignment Security Agreement Other:	Merger Change of	Name
	Execution Date(s): August 3, 2011	12/12	4000
4.	Application number(s) or patent number. This document is being filed too	11061(3).	4290 tion.
	This document is being filed aft  (a) Patent Application No(s). <u>T</u> (b) Patent No(s)., issued.	o be Assigned, filed Aug	<u>ust 3, 2011</u> ; or
5.	Name and address of party to whom STAAS & HALSEY LLP Attention: Paul F. Daebeler 1201 New York Ave., N.W., 7th Flo Washington, D.C. 20005	Our Docke	erning document should be mailed: et: 1911.1493
6.	Total number of applications and pa	atents involved:1	
7.	Total fee (37 CFR 3.41)	o credit card.	Application in Assignment)
8.	Deposit Account No.: 19-3935 (A Account) (Attach duplicate copy of this page		orized to be charged to this Deposit
	(Attach duplicate copy of this page	ii paying by deposit acco	unity
Daul	F. Daebeler, Reg. No. 35,852	Paulo	T Dallele August 3, 20
	e of Person Signing	Signature	Date
		Total nun	nber of pages including cover sheet

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Revised April, 2011 08/04/2011 SMOHAMME 00000084 13137290 06 FC:8021 40/00 OP

**PATENT** 

REEL: 026748 FRAME: 0781

## **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

(b) filed on .  Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.  Inditional application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewall ubstitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be ranted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and invention, including in the preparation and prosecution of said application(s) and the Issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be included but not be limited to executing all papers, including separate assignments and			SIGNAL REDUCING CROSSTALK
(a) executed on even date herewith or, if not so executed, was:  (a) executed on:  (Insert date of execution of application, if not concurrent)  (b) filled on,  Serial No.:  Any registered attorney of STAAS & HALSEY Ltr., 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.  In the said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal ubstitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be ranted and including any extensions thereof (collectively, hereinafter, 'said application(s) and Letters Patent(s)').  The ASSIGNOR agroe(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection feator including in the preparation and prosecution of said application(s) and the Issuence of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be excited in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and lectorations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature of Witness(es))  Typed Name & Signature of Inventor(s))  2011.08.03  Seo Young CHOI  2011.08.03  Ho Young LEE  Janos Schanda  2011.08.03			•
(b) filed on .  Serial No. :  Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to Insert in (b) the specified data, when known.  Indicated and including any extensions thereof (collectively, hereinafter, "said application and any continuation, division, renewall including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for including in the preparation and prosecution of said application(s) and the Issuance of said Letters Patent(s), in any indirecence, relssue, reexamination, or public use proceeding, and in any illigation or other legal proceeding which may arise or be eclared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and eclarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature of Witness(es))  The ASSIGNOR are the expense of the expe			
Serial No.  Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.  Inditional content of the first of the United States granted on said application and any continuation, division, renewal ubstitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be ranted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and without charge to but at the expense of said Assigner of said application, including in the preparation and prosecution of said applications, including in the preparation and prosecution of said application, and the succession of said applications, the said application of the legal proceeding, which may arise or be extended in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and seclarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature of Witness(es))  Du-Sik PARK  2011.08.03  Ho Young LEE  30  310.03  3	(a) executed on :	(Insert date of execu-	tion of application, if not concurrent)
Serial No.:    hereby authorized to insert in (b) the specified data, when known.	(b) filed on ,		
ubstitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be ranted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").  The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE and solve the ASSIGNORE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for aid invention, including in the preparation and prosecution of said application(s) and the Issuance of said Letters Patent(s), in any increarence, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be reclared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and reclarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.  IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).  (Typed Name & Signature of Inventor(s))  2011.08.03  The Young CHOI  2011.08.03  Balazs Kranicz  Janos Schanda  2011.08.03	Serial No. ;		
Seo Young CHOI  2011.08.03  Du-Sik PARK  2011.08.03  Ho Young LEE  Balazs Kranicz  Janos Schanda  2011.08.03	The ASSIGNOR agree(s), when request of the assignment of the action of the action of the action, including in the preparation and thereference, reissue, reexamination, or public rectared in relation to same, such acts to include the action of the action of the action of the acts acts acts acts acts to include the acts acts acts acts to include the acts acts acts acts acts acts acts to include the acts acts acts acts acts acts acts acts	uested by said ASSIGNEE and with necessary, desirable or expedient, for for procecution of sald application(s) a use proceeding, and in any litigation de but not be limited to executing a	out charge to but at the expense of said ASSIGNEE or securing, maintaining and enforcing protection for and the Issuance of said Letters Patent(s), in any or other legal proceeding which may arise or be a papers, including separate assignments and
2011.08.03  Du-Sik PARK  2011.08.03  Ho Young LEE  Balazs Kranicz  Janos Schanda  2011.08.03	IN WITNESS WHEREOF, the undersigned	inventor(s) has (have) affixed his/h	er/their signature(s).
2011.08.03  Ho Young LEE  Balazs Kranicz  Janos Schanda  2011.08.03	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))	inventor(s) has (have) affixed his/h (Date)	er/their signature(s).
Balazs Kranicz  Si) Janos Schanda  Si) Si) Si	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  The Hong Seo Young CHOI	inventor(s) has (have) affixed his/h (Date) 2011.08.03	er/their signature(s).
5)	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  The Horb Seo Young CHOI  Du-Sik PARK  OTHER OF THE UNDERSTORED IN THE	inventor(s) has (have) affixed his/h (Date) 2011.08.03	er/their signature(s).
3) 32 N 52 2011.08.03	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  The Horb Seo Young CHOI  Du-Sik PARK  OTHER OF THE UNDERSTORED IN THE	inventor(s) has (have) affixed his/h (Date) 2011.08.03	er/their signature(s).
	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  THE HOST See Young CHOI  Du-Sik PARK Ho Young LEE	inventor(s) has (have) affixed his/h (Date) 2011.08.03	er/their signature(s).
	IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  Seo Young CHOI  Du-Sik PARK Ho Young LEE  Balazs Kranicz  Janos Schanda	inventor(s) has (have) affixed his/h (Date)  2011.08.03  2011.08.03  2011.08.03	er/their signature(s).

**PATENT REEL: 026748 FRAME: 0782** 

## 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

**RECORDED: 08/03/2011** 

(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 (Title of Invention)

## APPARATUS AND METHOD FOR GENERATING VIDEO SIGNAL REDUCING CROSSTALK BETWEEN LIGHTNESS SIGNAL AND CHROMINANCE SIGNAL

relating to International Patent Application PCT/JP States was executed on even date herewith or, if not so	
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on Serial No. :	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
renewal, substitute, reissue or reexamination application may be granted and including any extensions thereof (c  The ASSIGNOR agree(s), when requested by ASSIGNEE, to do all acts which the ASSIGNEE may de enforcing protection for said invention, including in the Letters Patent(s), in any interference, reissue, reexamin which may arise or be declared in relation to same, suc	United States granted on sald application and any continuation, division, in based thereon, for the full term or terms for which the said Letters Patent(collectively, hereinafter, "sald application(s) and Letters Patent(s)").  It is also assume that the expense of said eem necessary, desirable or expedient, for securing, maintaining and preparation and prosecution of said application(s) and the issuance of said nation, or public use proceeding, and in any litigation or other legal proceeding acts to include but not be limited to executing all papers, including separa
assignments and declarations, taking all rightful oaths, to the undersigned inventor (Typed Name & Signature of Inventor(s))  1)  Seo Young CHOI	providing sworn testimony, and obtaining and producing evidence.  (s) has (have) affixed his/her/their signature(s).  (Date) (Typed Name & Signature of Wilness(es))
2)	
Ho Young LEE  4) Balazs Kranicz	2011.08.03
5) Janos Schanda	2011.08.03
6) Ji Young HONG	

PATENT REEL: 026748 FRAME: 0783