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To the Director of the U.S. Patent and Trademark Offic

04-03-2009



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or copy thereof.

3. DEPARTMENT OF COMMERCE

Name of conveying party(ies):

Oh-June KWON Seung-Yong SONG Young-Seo CHOI Kwan-Hee LEE

Sun-Young JUNG

Ji-Hun RYŬ

Young-Cheol JOO

Name and Address of receiving party(ies):

Samsung Mobile Display Co., Ltd. 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

3.	<u>x</u>	of conveyance: Assignment Security Agreement Other: on Date(s): <u>March 20, 2009</u>		Merger Change of	f Name	
4.	This (a) (b)	tion number(s) or patent numbers document is being filed togeth. The execution date(s) of the a The title is: FLAT PANEL DISMANUFACTURIN OR document is being filed after the Patent Application No(s). 12/4 Patent No(s)., issued.	ner with a pplication PLAY API IG THE SA	is/are: PARATUS AME application	AND METHOD OF	
5.	STEIN, Attention	and address of party to whom c MCEWEN & BUI, LLP on: <u>Michael D. Stein</u> ye St., N.W., Suite 300 gton, D.C. 20005	orrespond		erning document sh ur Docket: 0096.10 ur Docket: 0096.10	
6.	Total nu	umber of applications and pater	nts involve	d: <u>1</u>	#1 PC:8#21	40.00 OP
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☐ Enclosed ☐ Authorized to be charged to Deposit Account No. 503333.					
8.	Deposit Accoun	: Account No. 503333: (Any uno t) (Attach duplicate copy of this	derpaymer page if pa	nt is authori aying by de	ized to be charged t posit account)	o this Deposit
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Name	of Perso	on Signing	Si	gnature		Date
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PATENT

REEL: 022487 FRAME: 0677

Attorney Docket No.: 0096.1097

U.S. ASSIGNMENT

SMB 12/04

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 Mobile Display Co, Ltd. 575, Shin-dong, Yeongtong-gu Suwon-si, Gyeonggi-do 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 (Title of Invention)

FLAT PANEL DISPLAY APPARA	TUS AND METHOD OF MANUFACTURING THE SAME
elating to International Patent Application PCT/JP_ as executed on even date herewith or, if not so e	and/or for which application for Letters Patent of the United State xecuted, was:
(a) executed on ;	(insert date of execution of application, if not concurrent)
(b) filed on ,	Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye
Application No. Not yet assigned;	St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted 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, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said 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 declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing swom testimony, and obtaining and producing evidence.

	WITNESS WHEREOF, the undersigned invertiged inversed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
1}	Oh-June KWON.	20 March 2009	
2)	Oh-June KWON Seung-Yong-SONG	20 March 2009	
-	Seung-Yong SONG Young-Seo CHOI	20 March 2009	
3}	Young-Seo CHOI KWAN-HER LCE	20 March 2009	
4)	Kwan-Hee LEE	20 March 2009	
5)	Sun-Young JUNG		
6)	Ji - Hun RYU	20 March 2009	
7)	Young-cheal JOO	20 March 2009	

PATENT REEL: 022487 FRAME: 0678

RECORDED: 03/31/2009