06-30-2006

ATTORNEY DOCKET NO: AB-1866 US

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103266805

Name of conveying parties:	2. Name and address of receiving party: Name: SAMSUNG ELECTRONICS CO., LTD. Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea		
KIM, Jae-Hyun KANG, Sung-Wook CHOO, Dae-Ho Additional name(s) of conveying party(ies) attached?			
☐ Yes ☒ No	Additional name(s) of receiving party(ies) attached?		
3. Nature of Conveyance:			
Assignment Merger			
Security Agreement Change of Name			
Other			
Execution Date: May 16, 2006			
Application number(s) or patent number(s):			
If this document is being filed together with a new application,	the execution date of the application is: May 16, 2006		
A. Patent Application No.(s) Title: DISPLAY APPARATUS HAVING INNOVATIVE	B. Patent No.(s)		
ARRAY SUBSTRATE			
Additional nu	mbers attached? Yes No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One (1)		
Name: Howard R. Popper			
Internal Address: MACPHERSON, KWOK CHEN & HEID LLP			
Street Address: 1762 Technology Drive, Suite 226	7. Total fee (37 CFR 3.41): \$40.00		
City San Jose State CA Zip 95110	Authorized to be charged to Deposit Account No. 50-225		
/2006 DBYRNE 00000038 502257 11473456 :8021 40.00 DA	Charge Deposit Account No. 50-2257 for any additional for required for this conveyance and credit Deposit Account		
10/C1 / 10:00 pm /	No. 50-2257 any amounts overpaid		
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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Jae-Hyun KIM	of	845-501 Byeokjeokgol Jugong Apt., #927-2,	
		Yeongtong-dong, Yeongtong-gu, Suwon-si,	
		Gyeonggi-do, Korea	
Sung-Wook KANG	of	202, #1357-63, Seocho-dong, Seocho-gu, Seoul,	
		Korea	
Dae-Ho CHOO	of	520-403 Samsung 5cha Apt., #1167,	
		Pungdeokcheon-dong, Yongin-si, Gyeonggi-do,	
		Korea	

hereby sell, assign and transfer to **SAMSUNG ELECTRONICS CO., LTD.**, a corporation, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, its successors and assigns, the entire right, title and interest throughout the world in our invention in

DISPLAY APPARATUS HAVING INNOVATIVE ARRAY SUBSTRATE

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 16 day of	0 h	, 2006.	
	Joe − H Jae-Hyui	lyun KIM	
	Jae-Hyur	n KIM	
WITNESSED:			
Signature			
Date			
Type or print name of witness			

PATENT REEL: 018013 FRAME: 0445

Executed thisday of	May , 2006.
	Sung-Wook KANG
	Sung-Wook KANG
WITNESSED:)
Signature \angle	
Date	
Type or print name of witness	
The second state in the second	Mark
Executed this day of	May, 2006.
	Dae-Ho CHOO
WITNESSED:	
Signature	
Date	

Type or print name of witness

RECORDED: 06/27/2006

PATENT REEL: 018013 FRAME: 0446