FORM PTO-1595 RECORDATION	N FORM COVER SHEE 07	7/25/2013
FORM PTO-1595 RECORDATION PATE	NTS ONLY	ж.
To the Honorable Contribution at a stents and Trademarks:	Please record the attach	03660560
1. Name of conveying party(ies):	2. Name and address of receiving par	ty(ies):
1) Young-Dae Yi 2) Dong-Gyu Kim	CANCING DIGHT	1V.CO. 17Th
Additional name(s) of conveying party(ies) attached? □ Yes ■No	SAMSUNG DISPLA	
Additional name(s) of conveying party(les) attached? It is also	a corporation chartered in and	·
3. Nature of conveyance	the Republic of 95, Samsung 2 Ro,	
■ Assignment □ Merger	Yongin-City, Gye	-
☐ Security Agreement ☐ Change of Name	KOREA	
Other	Additional name(s) & addresse	s attached? □ Yes ■ No
Execution Date: 16 November 2012		•
4. Application number(s) or Patent number(s):		* *
If this document is being filed together with a new application	1	
A. Patent Application No(s).	B. Patent No(s).	
13/680,686		
Additional numbe	r(s) attached? □ Yes ■ No	
5. Name and address of party to whom correspondence	6. Total Number of applications an	d patents involved: ONE
concerning document should be mailed:		
Name: Robert E. Bushnell Attorney at Law	7. Total fee (37 CFR § 3.41)	\$ <u>U.S. \$40.00</u>
2029 "K" Street, N.W. Suite 600	■ Enclosed (Check #9888)	
Washington, D.C. 20006-1004	☐ Authorized to be charged to	deposit account
(202) 408-9040	8. Deposit Account Number:	
	(Attach duplicate copy of this page if page	
DO NOT	USE THIS SPACE	,
9. Statement and Signature.		
To the best of my knowledge and belief, the foregoing palot	ngion is true and correct and any attac	ched copy is a true copy of the
original document.	3.1.11	
ROBERT E. BUSHNELL Name of Person Signing Signet	ure Buly 2013 Date	
Name of Person Signing Signat		including cover-sheet; TWO
OMB No. 0651-0011 (exp. 4/94)	0//30/E013 IIIC	41.00 OF
	etach this portion	
Mail documents to be recorded with the required cover s	•	
•	ents and Trademarks	
Box Assignments		
Alexandria, VA 2231	3-1450	
REB/ko (Attornev's Docket No.: P59816)	J-143U	

PATENT REEL: 030954 FRAME: 0449

ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE:

Samsung Display Co., Ltd.,

ADDRESS:

a corporation chartered in and existing under the laws of the Republic of Korea,

95 Samsung 2 Ro, Giheung-Gu,

Yongin-City, Gyeonggi-Do, Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: COLOR FILTER SUBSTRATE, LIQUID CRYSTAL DISPLAY DEVICE INCLUDING COLOR FILTER SUBSTRATE, AND METHOD OF FABRICATING COLOR FILTER SUBSTRATE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

-	executed on even date herewith, or Serial No. 13/680,686 filed in the U.S. Patent & Trademark Off	Novemb	er 19,	2012	, or
 3	executed on				······································
المست	in and to all United States natants which may be greated thereon and therefor	ra and in and to	all cartif	leater of	anrrantian

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said Samsung Display Co., Ltd., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

	INVENTOR(s)		Date Signed	Witness(es)	
1)	m	(Seal)	16 November 2012		
, _	Young-Dae Yi	,			
2)	A	(Seal)	16 November 2012		*****
	Dong-Gyu Kim				

PATENT REEL: 030954 FRAME: 0450

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

D	4
---	---

		COMPLETE IF KNOWN		
	Application Number	er 13/680,686		
0002/PTO U.S. Department of Commerce Patent and Trademark Office		Filing Date	19 November 2012	
1 2 3 2113 ES		First Named Invent	tor Young-Dae Yi	
FEE TRANSMITTAL		Group Art Unit	2871	
		Examiner Name	GLICK EDWARD J	
TOTAL AMOUNT OF PAYMENT	\$40.00	Attorney Docket Numb	per P59816	
METHOI	METHOD OF PAYMENT (check one)			
☑ Payment enclosed:☑ Check #9888				
F	FEE CALCULATION			
Fee Code Fee Description 8021 40.00 Assignment Recordation Fee Paid \$40.00				
тот	FAL <u>\$40.00</u>			
submitted by: Robert E. Bushnell, E 2029 K Street, N.W. Washington, D.C. 200	Suite 600			
Printed Name Robert E. Bashnell		I		
Printed Name Robert E. Dashned	41	Registration No. 27,77	4	

REB/ko

PATENT REEL: 030954 FRAME: 0451

RECORDED: 07/23/2013