1. Yor KAN PAR Joor	o the Honorable Name of conve ng Sang BYUN, N				3413					
1. Yor KAN PAR Joor	Name of conve ng Sang BYUN, M			its and mad					al a	
Yor KAN PAR Joor	ng Sang BYUN, N	synig partytic	20).			T				
Addi attac 3. N X	NG, Jong Woo KI RK, Hun Jun CHC SON, Sang Sun JEUNG, Joung H tional name(s) of o ched? Nature of Conv Assignment Security Agre	Aoo Yeol PARK M, Young Hun Oo, Hyug Jin KN SHIN, Jong Go Io RYU, Ji Heu conveying party(i reyance: ement	K, Sung Su HA, Sang WEON, K LIM, Wan m UH and im UH and ies)	g Seok LEE, S yung Su CHA n Soo KIM, Y d Im Su LEE Yes erger hange of Na	Sang Ho AE, Hae Young XNo	Name: Interna Street 20 Yoidd Your City: State:	LG.Phili I Address: Address: D-Dong Igdungpo- Seoul	<u>PS LCD Co</u> Ku Republic o	fZip:	
Exe	ecution Date:	March	129, 30	& 31, 2004	, 		s(es) attac			es x No
co Nan Inte	ime and addre ncerning docu ne: Song K. Ju MCKENN/ ernal Address: tet Address: 1	ment should ung A LONG & Al Atty. Dkt.: 8	b whom o be maile LDRIDG 3733.668	ed: SE LLP	· · · ·	6. Total pater 7. Total X E	number of its involved fee (37 C Enclosed	d: FR 3.41)	\$	1 40.00 deposit account
			.	_ .		8. Depo	sit accour 50-0		r 8733.666	5.21)
City Wa	r: shington		State: DC	Zip: 20006		(Attach o	luplicate cop	y of this pag	e if paying b	y deposit account)
				DO NO	OT USE T	THIS SPA	CE			
To is a		knowledge a he original do	ocument 5. 41,786 ng	t.	rea J	Signatur	ne		May	ched copy / 31, 2007 Date

Assignment of Application

WHEREAS, I (WE)	Yong Sang Byun, Moo Yee Chun Kang, Jong Woo Kin	Park, Sung Su , Young Hun H	Jung, Sung 18,			
Sang Sook Lee, Sang He I	Sang Sock Loc, Sang Ho Park, Run Jan Chen, Byug Nit Kwoon, Kyung Sa Chao,					
Has Joon Son, Sang Sun S Hun Jenug, Joung He Rys	bio, Joing Go Lim, Wee Soe , Ji Heine Un and Im Se Loo	Kim, Young	, respectively,			
have invented certain new a	nd useful improvements in:		I ,			
System and Metho	t for Manufacturing Lignid	Crystal Display	Devices			
for which an application for	Letters Patent was excouted on	4				

	the submittee of the sub-), and
Philips LCD Co., Ltd.		-			<u> </u>		ł
as "ASSIGNEE") having	a place	ofbus	inces	at:	<u> </u>		
gaungpo-ka, Senut, KO)	REA						
							•
	as "ASSIGNEE") having		as "ASSIGNEE") having a place of bus	as "ASSIGNEE") having a place of business	as "ASSIGNES") having a place of business at:	as "ASSIGNEE") having a place of business at:	as "ASSIGNES") having a place of business at:

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and vahiable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all forsign countries to issue any and all of said Lotters Patent, when granted, to said ASSIGNEE as the assignce of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and

Page 1 of 4

enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hamby grant(s) the firm of McLanns Long & Aldridge LLP, Automore at Law, 1900 K Smot, N.W., Washington, D.C. 2006 the power to instal on this assignment any further identification including the excitation number and filing date, which may be necessary or desirable in only to comply with the rules of the United States Patent and Trajounted Office for recordation of this document.

Mor. 20. 2004 Dah 7 Yong Sang Byon Mar. 30,00 D Moo Yool Park Dade Sit F Ð State Chan Kang Date as Weo Kim lat. 30, 200 Ton He Young Di wor how Sang Sook Lee Mar 30 may Sang Ho Park

Page 2 of 4

31 WHE .04 11:52 FC-FCDE

⊅.q

11/2.9

enforce proper protection for said infontion in the United Sine and in any and all funcion countries. and its paritorial posse

2024857788

The understand hardy as fin of Mal Long Aldedas Astomove at Law, 1900 K. c 10 📅 may be see ry or de TH 10.0 of the United Sta it Office

Date:				
	Your Game Divin		lenter single ser internet ser	
	Alas You Path			
Date: 9804. 03. 27	- de terret			
			ı İ •	
Den: 2004 53 29				
	Sting Com Ling			
			1	
Due: 2004, 03, 29	Fore Win	1Cim		
	Ling Too Fin	1		
Dext				
	Young Shine Ha			
Den: 2004.03.29		3		
•				
Bate:				
	Senig Elo Park			
	Sang Ho Park			
		. i		
Page 2 of 4				
			-	
		· ,		
896 °ON		гсъ	2S:6	2002.9AM.15

Date:	
	(Manual M Internet) Plans Jun Choo
Dete:	
	Hyng Jin Kween
	chae, kynng su.
Dass: Mar. 30 2004	
	2017
Mar 30 2000	
	Has Joen Son
	Sing See Sine
Dan: Mar 30. 2004	for a
Dain:	
	Jing Co Lin
	(Algemente of Invenior) Was See Kim
Dut	
	(Signature of heremot)
	Young Hun Jenng
Dan Mar. 30. 2004	7 3 2
	(Signature of Diventor)
	Joung Ho Rya
Date:	
	(Signature of Inventor) Ji Houm Ut
· .	

Page 3 of 4

s'd

31 WHE , 04 12:50 FC-FCD0

WAR-23-04 17:30 From MCKERNA LONG & ALDRIDGE		202498774	T-268 P.18	1
Bate: 2004, 7. 30		2 fame		
Dife	Finn Jun Caloo			
Duis:	Come Se Come			
Dusc	Ten Son			
Des: 200/1: 3.70				
	H AND			
		3	•	
Datas.	the law of sectors			
Dens				
Dute: 3004, 3 30	Billo Aya			
(Sena Ji Har	itizes of lavening) in Un			
Page 3 of 4				
IT/6'd 896'ON		E FCD	35:6 7003	J. WHR.

2024987758

د

Dete:		
	(Signature of Economics)	
	Hun Jun Choo	
Date:		
	Hyag Jin Kween	
Date:		
	Kyung Su Chae	
Date:	-	
	Has Joon Son	
Dute:		
12 - 17 19 19 19 19 19 19 19 19 19 19 19 19 19	Sang Sun Shin	
Date;		
	States of Lines	
Date:		1997年1月1日,1月1日,1月1日,1月1日(1月1日) 1月1日(1月1日),1月1日(日)(1月1日) 1月1日(1月1日),1月1日(日)(1月1日)
	(Standard of Tovenier)	
	Wan Soo Kim	
Date:		
	(Signature of Inventor)	
	Young Hun Jeung	
Diste		
	(Signature of Inventor)	
	Joung Ho Ryu	
Date:		
	(Signature of Inventor)	
· · · ·	Ji Heum Uh	

Page 3 of 4

Data:	· _		
	(Signature of Inventor)		
	Hun Jun Choo		
Date:			
	(Signature of Revenuer)		
	Hyng fin Kween		
Date:			
	(Signifiere of hireday)		
	Kyung Su Chae		
Dare:			
	(Highatana & Mirenan)		
	Hae Joon Son		
Dates			
	745		
	(Standard Standard) Savig Stan Shin		
Date			
	Jong Go Lim		
Diec			
	10		
	(Signature of Investor) Wan Soc Kim		
Date March 27, 200			
	181		
	(Signature of Investor) Young Hun Jeung		
Date:			
	15		
	(Signature of Inventor) Joung Ho Ryu		
Date:			
	(Simula		
	(Signature of Inventor) Ji Heum Uh		
Page 3 of 4			
· · · ·			
HAR-25-64 17:36 Francherma Lans & A	LDR 1 DGE 20240	87758 T-288 P.	18/19 Job-548
Distant			

FROM Post Conto Hyritz Kweon 2004 3.30

5 .

Date:

பிர்ற PATENT REEL: 019421 FRAME: 0013

- - -

	(Signature of inventor) Flun Jun Choo	
Date:		
	(Signature of Exector)	
	Hyng Jin Kweon	
Date:		
	101-22-22	
	(Standars of Invator) Kyung Su Chine	
	Jung 34 CUBC	
Date:		
	(Signature of Mutanes)	
	Hae Joon Son	
Dute:		
	(Starting Start Shin	
	CHIC LWC SWIT	
Date:		
Cair,		
	(Alignmente of Antidities)	
	Jong Go Lim	
Date:		
	(Signature of Inventor)	
	Wan Son Kim	
m March 27, 2014		
	3	
	(Signature of Investor)	
	Young Hun Jeung	
	- HER JEIN	
** <u>***********************************</u>		
	(Signature of Invotior)	
	Joung Ho Ryu	
-	(Signature of Inventor)	
	Ji Heum Uh	

•

.

Page 3 of 4

• •

•

.

	Run Ain Chino
Dec: 2004.3.30	Kwean Hyung Jim
	Hour Mit Kanada
Ditte:	Ryang Sa Chart
Refer t	
	New Japa Soa
en de la superior de la compañía de la superior de Compañía de la superior de la superio El <mark>superior de la superior de</mark>	
Dim	
	(Manager (Manager)) With Sup Class
	(All services of the service) Young then liking
	Young Han Joing
Dem	
	(Rignations of Investor) Joung His Rya
	(Mentanin of Inventor) Ji Himan Litt

Page 3 of 4

Date 2004, 3, 31

(Signature of Inventor) Im Su Lee

McKenna Long & Abbidge LLP Attachings At Low 1900 K Street, N.W. Washington, D.C. 20005

Page 4 of 4

RECORDED: 05/31/2007

e.q

37 WHE . ON IN: 55 FODSIELS