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05-07-2008

Form PTO-1595	103501107
(Rev. 03/01)	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (0xp. 5/31/2002) PATEN	ITS ONLY U.S. Palent and Trademark Office
To the Honorable Commissioner of Patents and Trademark	ss: Please record the attached original documents or copy thereof
	2. Name and address or copy thereof
Sang-Seok LEE	Name and address of receiving party(les)
Gu-Yun BOK In-Ju KIM	Name: LG.PHILIPS LCD CO., LTD.
Heui-Geun KIM	Internal Address:
Additional name(s) of conveying party(les) Additional name(s) of conveying party(les) Yes X No.	Street Address:
3. Nature of Conveyance:	20, Yoido-dong, Youngdungpo-ku — Seoul, Republic of Korea
	The same of Morea
Security Agreement Change of Name	
Other	
Execution Date: May 24, 2005, May 25, 2005 and June 1, 2005	Additional name(s) &
	address(es) attached: X Yes No
4. Application number(s) or patent number(s): 1\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 54
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If this document is being filed together with a new application, the e. A. Patent Application No.(s): { [[[68,54]]]	execution date of the new application is:June 29, 2005
TIED:	(B. Palent No /e):
FILED: 6/29/2005	5
Additional numbers attach	ned? Yes X No
. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and
Name: Song K, Jung	patents involved:
MCKENNA LONG & ALDRIDGE LLP	7 Total for (97 ogn -
nternal Address: Atty. Dkt.: 8733.1333.00	7. Total fee (37 CFR 3.41) \$ \$40.00
Street Address:	X Enclosed
	Authorized to be charged to deposit account
900 K STREET, N.W.	Authorized to be charged to credit card (Form 2038 enclosed)
ity: State: 7:	8. Deposit account number:
VASHINGTON State: Zip: VASHINGTON DC 20006	50-0911
	(Anach duplicate copy of this page if paying by deposit account)
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Statement and signature.	
o the best of my knowledge and belief, the foregoing infon a true copy of the original document.	mation is true and correct and any attached copy
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Eric J. Nuss, Reg. No. 40,106 Name of Person Signing	Singa May 2, 2008
The contract of the contract o	
	Signature
	ents, and documents:
Total number of pages including cover sheet, attachma	Signature

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Form PTO-1595	RECORDATION FORM COV (continued)	/ER SHEET
Additional Co	nveying Party(ies) (1. Continued):	
	,	
Additional Ass	ignees (2. Continued):	
Assignee Name:	Top Engineering Co., Ltd.	
Internal Address:		
Street Address:	60-3, Ohro-Rí Goah-Eup, Gumi	
City:Gyeon	gsangbuk-Do Country: Korea	Zip Code:
ssignee Name:		
iternal Address:		
treet Address:		
ity:	06.1	
	State:	Zlp Code:
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/:	State:	Zip Code:
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Docket No.:8733.1333.00-US

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05-07-2008

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(Rev. 03/01) OMB No. 0651-0027 (exp. \$/31/2002) PATEN	TS ONLY
	s: Please record the attached original documents or copy there
 Name of conveying party(ies); 	Name and address of receiving party(ies)
Sang-Seok LEE Gu-Yun BOK	Name: <u>LG.PHILIPS LCD CO.,</u> LTD.
In-Ju KIM	Internal Address:
Heul-Geun KIM	Street Address:
Additional name(s) of conveying party(ies) Yes X No	
3. Nature of Conveyance:	
X Assignment Merger	
Security Agreement Change of Name	
Other	
Execution Date: May 24, 2005, May 25, 2005 and June 1, 2005	Additional name(s) & X Yes No
Application number(s) or patent number(s):	
• • • • • • • • • • • • • • • • • • • •	
If this document is being filed together with a new application, the	execution date of the new application is:June 29, 2005
A. Patent Application No.(s):	B. Patent No.(s):
Additional numbers atta	
Additional numbers atta	ched? Yes X Na
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Song K, Jung MCKENNA LONG & ALDRIDGE LLP	6. Total number of applications and
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Song K, Jung	6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Song K, Jung MCKENNA LONG & ALDRIDGE LLP	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) X Enclosed
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Song K, Jung MCKENNA LONG & ALDRIDGE LLP Internal Address: Atty. Dkt.: 8733.1333.00	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) X Enclosed Authorized to be charged to deposit according
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: Song K, Jung MCKENNA LONG & ALDRIDGE LLP Internal Address: Atty. Dkt.: 8733.1333.00 Street Address: 1900 K STREET, N.W. City: State: Zip: DC 20006	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) X Enclosed Authorized to be charged to deposit accord (Form 2038 enclosed) 8. Deposit account number: 50-0911 (Attach duplicate copy of this page if paying by deposit account
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NO. 594 P.4/5

Docket No.: 8733.1333.00

Assignment of Application

	Heuri	-Geun KIM	- Vun 1	GOK; In-Ju K	IM
	atain new and user	G SEALANT M	ATE	BAL OF LION	, respectively,
(Application No.	Total for Letters	Patent was exec	ted on	May 24,	
WHEREAS, (hereinafter referre 20 Yoido-dong, Ye 60-3, Ohro-Ri, Gos	LG.Philips LCD	E') having a place	Top	Engineering (), and
	- Zup, Gumi, Gye	ongsangbuk-Do,	Korea		

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 valuable 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, relasues, continuations,

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters 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

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

PATENT

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

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent

(Signature of Invento Sang-Seok LEB Date: (Signature of Inventor) Gu-Yun BOK (Signature of Inventor İn-Ju KIM Date: (Signature of Invento Heui-Geun KIM Date: (Signature of Inventor) McKenna Long & Aldridge LLP Attorneys At Llaw 1900 K Street, N.W.

Washington, D.C. 20006

Page 2 of 2

PATENT REEL: 021075 FRAME: 0887

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The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	
	(Signature of Inventor) Sang-Seok LEE
Date: June 1, 2005	Smor,
· — — — — — — — — — — — — — — — — — — —	(Signature of Inventor) Gu-Yun BOK
Date:	
	(Nignature of Inventor) In-Ju KIM
Date:	_
	(Signature of Inventor) Heuri-Geum KIM
Date:	
_	(Signature of Inventor)

McKenna Long & Aldridge LI.P Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

206):-17 01:00 From: '85-MAY-25 19:00 FROM:

To:0234430460 TD:0544620345

P. 6/6 **`. 885/885**

enforce propor protection for said invention in the United States and its territorial possessions and in any and all forcign countries,

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LP, Alterneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to Insert or this nesignment any further identification, including the application number and filing date, which and Trademark Office for recordation of this document.

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Duka!	(Statistical Of Investigal) Out Yun BOK	-
Date:	(Signature of Inventor)	
Unic: 2005 5: 25	(Nigation of Inventile) Houd-Goun KIM	

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Page 2 of 2

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NO.684 P.4/5

Docket No.: 8733.1333.00

Assignment of Application

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WHEREAS	, I (WE)	Sang-Scok LEE;	Gu	. Vu	n BÓ	K; Ir	1-Ju K1	м	
 		Heui-Geun KIM		+					
have invented and				上		<u> </u>		, resp	octively,
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for which an appli	etion for	Letters Patent was	exec	uted	011	25 - "	- 24		
			_	 		tud?	24,	2005	
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WHEREAS,	LG.Phili	ps LCD Co., Ltd.	an	3	Top	Engin	eerina	Co., Lt), and
(hereinafter referred 20 Yordo-dong, Yo	i to as "A; ungdungp	SSIGNEE') having o-ku, Seoul, KORF	a p	ace i	of bu	siness :	at:	CO., 1.,	<u>. </u>
60-3, Ohro-Ri, Goa	h-Eup, Gu	uni, Gyeongsangbu	k-D	5. K	Эгел				
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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 valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNER, 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 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 forcign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee 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

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 2

PATENT REEL: 021075 FRAME: 0890 1.

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

The undersigned hereby grant(s) the firm of McKenns Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Dato: 24 May 2005	
	(Signature of inventor)
	Sang-Seok LEE
	1
Dain;	
	(Signature of Inventor)
	Gu-Yun BOK
Dato: 584. May 2 out.	/ / / / / / / / / / / / / / / / / / /
Dato:	(<u>).</u>
·	In-Ju KIM
	M-50 AMV
Date!	
	(Signature of Inventor)
	Heui-Geun KIM
Date:	
	(Signature of Inventor)
	(a.broun of triviality)

McKenna Long & Aldridge LLP Attorneys At Lew 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

PATENT REEL: 021075 FRAME: 0891

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Docket No.: 8733.13\$3.00

Assignment of Application

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WURREAS,	I (WE) Sang-Scok LEE; Ou-Yun	BOK: In-to-FINA
	Heui-Ocun KIM	want want Mild
have invented certain	n new and useful improvements in:	. respective!
1 72/01/03 1/0	R DISPENSING SEALANT MATE DISPLAY DEVICE ion for Letters Patent was executed or	RIAL OF LIQUID CRYSTA
	with a secretary of	May 25, 2005
(Application No. WHEREAS, L	Filed . Piled). and
(hereinafter referred to 20 Youdo-dong, Youn	G.Philips LCD Co., Ltd. and To o as "ASSIGNEE") having a place of gdungpo-ku, Scoul, KOREA and Jup, Gumi, Gycongsangbuk-Do, Kore	p Engineering Co., Ltd. business at:

is desirous of acquiring the entire right, title and interest in and to said invention and in said to any Latters Patent that may be granted therefore in the United States and its territorial

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WP), by these presents do sell, assign and transfer unto sald ASSIGNUS, the full and exclusive right to the said invention in the United States and its territorial postersions and in all foreign countries and the entire right, date and interest in and to any and all Letters priunt 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,

I (WII) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to lasue any and all of said Letters Parent, when granted, to sold ASSIGNEE as the assignee of my (our) entire right, little and interest in and to the same, for the sole use and behalf of soid 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.

Purcher, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facta known to me (us) respecting said invention, and traify 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 sold Letters Palent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNES, its (his) successors and assigns, to obtain and

Puge | of 2

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The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	
	(Signature of Inventor) Sang-Seok LEE
Date: June 1, 2005	Gnor
	(Signature of Inventor) Gu-Yun BOK
Pale;	
	(Nignature of Inventor) In-Ju KIM
Date;	
	(Signature of inventor) Houi-Geum KIM
Date:	-
	(Signature of Inventor)

-McKenna Long & Aldridge LI.P Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

> PATENT REEL: 021075 FRAME: 0893

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Docket No.: 8733.1333.00

Assignment of Application

WHEREA	S, 1 (WE)	Sang-Scok LEE;							
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		Heui-Geun KIM	<u> </u>						
have invented cer	tain new a	nd useful improver							ectively,
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				. (31)	Ju	ne	1,	2005	
(Application No.			201.3						
WHEREAS,	LG.Philis	ps LCD Co., Ltd.	, Filed				_ •), and
(hereinafter referre 20 Yoido-dong, Yo	d to as "A! oungdungo	SSIGNEE") having	a place	of bus	ingi iness	eeri at:	ng (Co., Lt.	d.
60-3, Ohro-Ri, Go	th-Eup, Gu	mi, Gyeongsangbu	k-Do, K	orca		· · · ·			

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Page 1 of 2

PATENT REEL: 021075 FRAME: 0894

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286 0'-17 01:00 From: 'Q5-MAY-25 19:00 FROM:

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P.6/6 **`.085/085**

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

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LP, Attorneys at Law. 1900 K Streat, N.W., Washington, D.C. 20006 the power to insert or this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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McKeuna Long & Aldridge LLP Attornoya At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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REEL: 021075 FRAME: 0895

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