Form PTO-1595



RE(

U.S. DEPARTMENT OF COMMERCE

(Rev 03/01)	102444378	U.S. PATENT AND TRADEMARK OFFICE					
To the honorable Commissioner of Patents and Tra	demarks: Please recor	rd the attached original document or copy thereof:					
Name of Conveying Party(ies):	2. Name and Addre	ess of Receiving Party(ies):					
YOON, SANG JIN	Name:	LG Electronics Inc.					
PARK, EUNG CHUL	Street Address:	20, Yoido-dong, Youngdungpo-gu					
KANG, BONG KOO 5-5-07	Street Address:	//01 000					
HAN, JUNG GWAN	City:	LG Electronics Inc.  20, Yoido-dong, Youngdungpo-gu  Seoul					
	State/Country:	Korea Postal Code:					
Additional name(s) of conveying party(ies) attached?	Additional name(s) and add	resses attached? Yes X No					
3. Nature of Conveyance:							
X Assignment	☐ Change of Nar	me					
Security Agreement	Other:						
☐ Merger	Execution Date:	05012003					
4. Application Number(s) or Patent Number(s):							
Assignment is being filed together with new appl	ication and the first e	xecution date of application is: 05052003					
Application has been filed already and the applic	ation filing date is:						
A. Patent Application Number(s):	B. Issued Patent Number(s):						
Additional nur	mbers attached? Y						
<ol><li>Name and address of party to whom corresponded concerning this matter should be mailed:</li></ol>	ence	6. Total number of applications and patents involved:					
CUSTOMER NUMBER 00136	-or-	7. Total Fee (37 CFR 3.41): \$ 40.00					
JACOBSON HOLMAN PLL							
400 Seventh Street, N.W. Washington, D.C. 20004-22	X Any deficiencies in enclosed fees are						
Tel. 202-638-6666		authorized to be charged to <b>Deposit</b> Account No. 06-1358.					
Attorney Docket Number: P68886US0		Account No. 00-1330.					
	NOT USE THIS SPA	CE					
8. Statement and Signature:							
To the best of my knowledge and belief, the foregoe copy of the original document.	going information is to	rue and correct and any attached copy is a true					
Yoon S. Ham/45,307	Back	May 5, 2003					
Name of Person Signing, Reg. No.	Signature	Date					
Total number of pages including cover sheet, attachments, and documents: -3-							

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**PATENT REEL: 014040 FRAME: 0622** 

	U	NITED	ATE	TES OF A	MERICA & ASSIG	NMENT		
(1-5)	insert Name(s) of inventors	(I)	Sang.	in YOON				
		(2)	Eung	Chul PARK				
		(3)	Bong J	Koo KANG a	nd			
		(4)		Swan HAN				
		(5)						
		(3)	paid to	each of the u	of the sum of one dollar (\$1 Indersigned, the receipt an iby assigns, transfers and i	d sufficiency o	good and valuable of f which are hereby ac	onsiderations knowledged,
(5)	insert Name of Assignes	(5)		ctronics inc.				
(7)	insert Address of Assignes	(7)	of 20	), Yoldo-don	, Youngdungpo-ku, Seou	ıl, Republic of	Kores	
(8)	lead lead Edition of State or	(8)	a C	arporation		of Kores		]
	Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or citizen of Japan)	X-2	hiereri)	after designat	ed as the Assignee) the elements and possessions, in			nited States,
(B)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(B)	MET	A DIA GOR	PPARATUS FOR DRIV	ing plasma	display panel	
			for whi	ch the under	igned has (have) executed	an application	for patent in the Uni	led States of
(10)	insert <u>Date</u> of signing of Application, or filing date and	(10)	Said a	oplication havi	ng been executed/filed on	May 5	,_2003	and assigned
	Serial No., if known	1	Serial 1		plication	)		
	1) The undersigned agree(s)	lo execu	ita sii	papers neces	sary in connection with the	nis application	and any continuing	or divisional
and als	o to execute separate assignments  2) The undersigned agree(s) to	in conf	all non	with such appl	in connection with any int	ey open nece	h may be declared co	nceming this
or any	continuing or divisional application	ns there	ef and	to cooperate	with the Assignee in ever	y way possible	e in obtaining evident	e and going
nem ánis	3) The undersigned agree(s) to one of the international Union for P	exaction	all pape of ladu	ers and docum	pants and perform any act v v or similar agreemants.	vnich may be n	ecessary in connection	NO CHANDS
provision	4) The understaned screens in	nerform:	all affirm	netive acts wit	ich may be necessary to o	otain a grant ol	a yalld United States	patent to the
1 1 1 1 1 1	5) The undersigned hereby auth States resulting from this applica	orize(s)	and rec	uest(s) the C	ommissioner of Patents and	Trademarks !	o isaué any and all <u>Le</u> saignes, as Assignes	of the entire
interset	and hereby coverants that he h	ias (they	y have)	full right to c	onvey the entire interest h	erein assigned	i, and that he nes (th	ey have) not
execub	ed, and will not execute any agreed  6) Assignor hereby further ass	nent in t	Comict I	jarewith. e all claims :	and causes of action for in	fringement of	the patent rights ass	gned herein,
right to	sue for and collect demanes for	anv and	leli sefe	of past and fi	uture infrincement.		·	
20004	7) The undersigned hereby gran the power to insert on this assigns	i(a) the	aw firm	of Jacobson	which may be necessary o	r desirable in c	rder to comply with th	a rules of the
United	States Potent and Trademark Office	e for rea	cordatio	n of this docu	ment,			
	In witness whereof, executed by the				opposite the undersioned r Bang Jin YOON	Sport	Jim Youn	(SEAL)
Date	Moy. 1, 2003 Na	ne of in	/entor		Typed name	300	alonature	
Date	May: 1, 2003 Na	ne of Inv	rantor	ntor Eung Chul PARK		Eas	Chul Park	(SEAL)
					typed name		signature	(SEAL)
Date	Nar	Name of Inventor			long Koo KANG lyped name	+	sionature	(SEAL)
Date	May 1, 2003 [Nai	ne of m	/entor		lung Gwan HAN	June	GURL HAR	(SEAL)
Pars.	1, 7, 7, 7, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1351			lyped name		<u>aignature</u>	
Date	Na	ne of in	rotnev			-	Prujenpie	(SEAL)
	This assignment should preferat			form a Lighted	typed name States Consult signed sho	and or a Noter		v signed. If
not the	in the execution by the inventor(s)	should I	withs	ssed by at les	et two witnesses who sign	here:		
	diffenal inventor's names and sign			Wilness	Join Jeo	PARK		
	l a separate sheet.			14/250 mmd	Vol Billion	. Leon		
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PATENT

REEL: 014040 FRAME: 0623

THE RESERVE OF THE PERSON NAMED IN	U	VITEO	ST/	LTES	OF AN	ierica & assi	GN	MENT		
(1-5)	Insert Name(s) of Inventors	(1)	Sano	Jin YC	ON		,			
11	The state of the s	Sang Jin YOON Eung Chui PARK								
		(2)	W 19 77 1			<b>.</b>			~~~~~	
		(3)			ANG and					
		(4)	วิกับสิ	Gwan	HAN					
		(5)	·	conside	eration of	the sum of one dollar	ĞĨ.	O) and other doc	nd and valuable	considerations
			pald t	o each	of the un	dersigned, the receipt	and	sufficiency of wh		
						y assigns, transfers ar	10 581	s over to		
(B)	Insert Name of Assignae	(6)	LG EI	jectren	ies inc.					
(7)	Insert Address of Assignee	(7)	of 3	Su' Aoi	do-dong,	Youngdungpo·ku, Si	oul,	Republic of Kor	<u>108</u>	
(8)	Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or	(8)		Carpor				Koren .		
	citizen of Japan)					d as the Assignee) the ricles and possessions				e United States,
	Insert Identification of Invention.									er#
(9)	such as Title, Case Number or Foreign Application Number	(9)	ME	HOD	AND AP	PARATUS FOR DR	TAIN	G FLASMA D	ismay ran	<u></u>
			for which the undersigned has (have) executed an application for patent in the United States of						United States of	
(10)		(10)	Said a	spolicat	don having	been executed/filed	חכ	May 5 _ 1	2003	(and assigned
	Application, or filing date and Sarial No., If known		Serial	No.	New App	lication	,			
	1) The undersigned agree(s)	о ехес	ute all	рарег	S necess	ary in connection with	h this	application and	d any continui	ng or divisional
and als	o to execute separate assignments  2) The undersigned agree(s) to	in conn	ection	with su	ich applica	edone as the Assigned	may	deem necessary	or expedient.	
or any	continuing or divisional application	ns there	of and	to co	operate w	ith the Assignment of e	very	way possible in	obtaining evid	ence and going
forward with such interference.  3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims										
provisio	ons of the International Union for Pr	otection	of Ind	l lahtey	roperty o	r similar agreemants.			<del></del>	
	4) The undersigned agree(s) to (5) The undersigned hereby auth	oriza(R)	all affir	mative	acts whice	h may be necessary to imissinger of Patents	o obta and I	in a grant of a v	<u>alid United Sta</u>	les patent to the Letters Patents
United	States resulting from this applicat	lon or a	iny col	ntinuing	ar divisi	onal applications then	sof to	the said Assign	nee, as Assign	ee of the entire
	, and hereby covenants that he hed, and will not execute any agreen					ivey the entire interes	it ner	ein assigned, an	id that he has	(they have) not
	6) Assignor hereby further assi	gns to	Assign	ee all	claims an	d causes of action fo	r Infri	ngement of the	patent rights s	ssigned herein,
right to	sue for, and collect damages for, :    7   The undersigned hereby grant	l(s) the l	aw firm	s or pay	cobson H	re infringement. olman PLLC, 400 Sev	renth	Street, N.W., Wa	 ashington, D.C.	
	the power to insert on this assignment of the party of th	nent any	, furthe	ır idenli	fication w	hich may be necessar	y or d	lesirable in order	to comply with	the rules of the
	n witness whereof, executed by the						d nan	ne(a).		
Date	Nen	e of Inv	entor	Ţ		ng Jin YOON				(SEAL)
Date	Nan	ne of the	of inventor		typed name				<u>signatura</u> ,	(SEAL)
·	L. INOI					yped name			signature	
Date	May 1, 2003 Nam	ne of Inv	rentor			ng Koo KANG	$\neg$	Bongkoo		(SEAL)
Date	Nan	ne of Inv	enter	+		yped name ig Gwan HAN	-	***************************************	signatura.	(SEAL)
						yped пате		1	signature	
Date	Nan	ie of Inv	rentor	ļ			_			(SEAL)
This assignment should preferably be signed before a United						yped name iles Consul if signed a	broad	l, or a Notary Put	aignature	ally signed. If
not, the	n the execution by the inventor(s)					two witnesses who sig	n he			
	iditional inventor's names and sign	atures		Witne	955	JUNON SE	,			
	a separate sheet.			Witne	958	Soakho Ki	~-		· ·	
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**RECORDED: 05/05/2003** 

**PATENT** 

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