PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Moungyoub LEE	10/19/2011
Sunghwan KIM	10/19/2011
Jonghyun BYEON	10/24/2011

RECEIVING PARTY DATA

Name:	LG Electronics Inc.
Street Address:	20, Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13284142

CORRESPONDENCE DATA

 Fax Number:
 (703)766-3644

 Phone:
 703-766-3777

 Email:
 mail@ked-iplaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: KED & ASSOCIATES, LLP

Address Line 1: P.O. Box 8638

Address Line 4: Reston, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	RPL-0433
NAME OF SUBMITTER:	Daniel Y.J. Kim

Total Attachments: 1

source=Assignment#page1.tif

PATENT

REEL: 027141 FRAME: 0532

JF \$40.00 1328414

RPL-0433

ASSIGNMENT

in consideration of the premises and other go nereby acknowledged, the undersigned,	ood and valuable consideration in Pa		
Moungyoub LEE	(4)		
Sunghwan KIM			
	(5)		
Jonghyun BYEON	(6)		<u></u>
to have made a certain new and useful invention, hereby s	sell, assign and transfer unto		
G ELECTRONICS INC.			
, Yeouido-dong, Yeongdeungpo-gu			 .
eoul 150-721, Republic of Korea			
successors and assigns (hereinafter designated "ASSIGNI U.S.C. 100 in the invention entitled	EE") the entire right, title and interes	for the United States of America as def	ined in
ISPLAY APPARATUS			
for which an application for United States Letters Patent			· · · · ·
or jor	was filed on_	, and identified by United States	Sezial
for which an application for United States Letters Patent	Octobor	19, 2011; Octobe	r 2/
I the undersigned hereby authorize and request the United ters Patent which may be granted therefor and/or that ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resontatives; the undersigned agree that the attorneys of resontatives; the undersigned hereby agree to transfer a familing original, divisional, reissued or extended Letters P gus and legal representatives, and without further remun	I/or that claim priority thereto, and it said ASSIGNEB, for its interest as coord in said application shall hereafte. I like interest, and to render all necessature of the United States, upon re-	all extensions, divisions, reissies, subsi- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for priest of the said ASSIGNEE, its successions	inites, itional d legal or and assors,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of re- AND the undersigned hereby gives to transfer	Nor that claim priority thereto, and it as an any and it as aid ASSIGNEE, for its interest as excord in said application shall hereafted like interest, and to render all necessation of the United States, upon receasion, in and to my improvement	all extensions, divisions, reissies, subsi- he right to all benefits under the Interna ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for priest of the said ASSIGNEE, its success, and applications for patent based the	itional l legal or and assors,
wals, continuations, or continuations in part thereof and vention for the Protection of Industrial Property to the escentatives; the undersigned agree that the attorneys of research original, divisional, reissued or extended Letters P as and legal representatives, and without further remaining out of or related to the said invention; and to execute sed essential to ASSIGNEE's full protection and title in an AND, the undersigned bearing course the form of	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subsi- he right to all benefits under the Internation of the right to all benefits under the Internation of the said ASSIGNEE; seary assistance in making application for puest of the said ASSIGNEE, its success, and applications for patent based that successors, assigns and legal represent the successors, assigns and legal represent.	nitutes, ational d legal or and assors, ereon; arives,
evals, continuations, or continuations in part thereof and wention for the Protection of Industrial Property to the escutatives; the undersigned agree that the attorneys of research original, divisional, reissued or extended Letters Pars and legal representatives, and without further remuning out of or related to the said invention; and to execute need essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of iffication that may be necessary or desirable inventors as	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subsi- he right to all benefits under the Internation of the right to all benefits under the Internation of the said ASSIGNEE; seary assistance in making application for puest of the said ASSIGNEE, its success, and applications for patent based that successors, assigns and legal represent the successors, assigns and legal represent.	intes, tional d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of resentatives; the undersigned hereby agree to transfer a fining original, divisional, reissued or extended Letters P gas and legal representatives, and without further remuning out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in a AND the undersigned hereby grants the firm of tification that may be necessary or desirable in order to co emark Office, for recordation of this document.	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subsi- he right to all benefits under the Internation of the right to all benefits under the Internation of the said ASSIGNEE; seary assistance in making application for puest of the said ASSIGNEE, its success, and applications for patent based that successors, assigns and legal represent the successors, assigns and legal represent.	nitutes, ational d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of resentatives; the undersigned hereby agree to transfer a fining original, divisional, reissued or extended Letters P gas and legal representatives, and without further remuning out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in a AND the undersigned hereby grants the firm of tification that may be necessary or desirable in order to co emark Office, for recordation of this document.	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subsi- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for puest of the said ASSIGNEE, its successors, and applications for patent based the ta-successors, assigns and legal represent l. weer to insert on this assignment any fi- honty, including the United States Pater	intes, tional d legal or and assors, ereon; arives,
evals, continuations, or continuations in part thereof and wention for the Protection of Industrial Property to the escentatives; the undersigned agree that the attorneys of research original, divisional, reissued or extended Letters P pas and legal representatives, and without further remuning out of or related to the said invention; and to execute need essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of iffication that may be necessary or desirable in order to command Office, for recordation of this document. NED on the dates indicated aside our signatures:	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subsi- he right to all benefits under the Internation of the right to all benefits under the Internation of the said ASSIGNEE; seary assistance in making application for puest of the said ASSIGNEE, its success, and applications for patent based that successors, assigns and legal represent the successors, assigns and legal represent.	nimites, ational d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of reconstruction of the undersigned hereby agree to transfer a familing original, divisional, reissued or extended Letters Pages and legal representatives, and without further remunding out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of diffication that may be necessary or desirable in order to come of the dates indicated aside our signatures: INVENTORS	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subsi- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for puest of the said ASSIGNEE, its successors, and applications for patent based the ta-successors, assigns and legal represent l. weer to insert on this assignment any fi- honty, including the United States Pater	intes, ational d legal or and assors, ereon; atives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of resentatives; the undersigned hereby agree to transfer a fining original, divisional, reissued or extended Letters P gas and legal representatives, and without further remuniting out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of tification that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures:	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subis- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for puest of the said ASSIGNEE, its successors, and applications for patent based that successors, assigns and legal represent lawer to insert on this assignment any fithouty, including the United States Pater DATE SIGNED.	intes, ational d legal or and assors, ereon; atives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of resentatives; the undersigned hereby agree to transfer a familing original, divisional, reissued or extended Letters P gas and legal representatives, and without further removed and legal representatives, and without further removed med essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of tification that may be necessary or desirable in order to columnsk Office, for recordation of this document. NED on the dates indicated aside our signatures:	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subis- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for puest of the said ASSIGNEE, its successors, and applications for patent based that successors, assigns and legal represent lawer to insert on this assignment any fithouty, including the United States Pater DATE SIGNED.	nimites, ational d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the executatives; the undersigned agree that the attorneys of recontaining original, divisional, reissued or extended Letters partially and legal representatives, and without further remarking out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in an AND, the undersigned hereby grants the firm of diffication that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	nimites, ational d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the executatives; the undersigned agree that the attorneys of reconstruction of grant and in the industrial property in the executatives; and existence of the part and legal representatives, and without further remaining out of or related to the said invention; and to execute need essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of diffication that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS Name: Moungyonb LBE Name: Sunighwan KIM	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissies, subis- he right to all benefits under the Internal ASSIGNEE, its successors, assigns and act on behalf of said ASSIGNEE; sary assistance in making application for puest of the said ASSIGNEE, its successors, and applications for patent based that successors, assigns and legal represent lawer to insert on this assignment any fithouty, including the United States Pater DATE SIGNED.	intes, tional d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the executatives; the undersigned agree that the attorneys of reconstruction of grant and in the industrial property in the executatives; and existence of the part and legal representatives, and without further remaining out of or related to the said invention; and to execute need essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of diffication that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS Name: Moungyonb LBE Name: Sunighwan KIM	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	intes, tional d legal or and assors, ereon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of reconstruction of the undersigned hereby agree to transfer a siming original, divisional, reissued or extended Letters gas and legal representatives, and without further remuning out of or related to the said invention; and to execute med essential to ASSIGNEE's full protection and title in an AND, the undersigned hereby grants the firm of diffication that may be necessary or desirable in order to columnst Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS Name: Moungyoub LEE	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	intes, tional d legal or and assors, ercon; arives,
ewals, continuations, or continuations in part thereof and avention for the Protection of Industrial Property to the resentatives; the undersigned agree that the attorneys of resentatives; the undersigned hereby agree to transfer a fining original, divisional, reissued or extended Letters Pagas and legal representatives, and without further remunding out of or related to the said invention; and to execute ned essential to ASSIGNEE's full protection and title in an AND, the undersigned hereby grants the firm of tification that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS Name: Moungyoub LEE Name: Jonghyun BYEON	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	intes, tional d legal or and assors, ercon; arives,
wals, continuations, or continuations in part thereof and vention for the Protection of Industrial Property to the escentatives; the undersigned agree that the attorneys of resemble or extended Letters Para and legal representatives, and without further remuning out of or related to the said invention; and to execute sed essential to ASSIGNEE's full protection and title in an AND the undersigned hereby grants the firm of fication that may be necessary or desirable in order to commark Office, for recordation of this document. IED on the dates indicated aside our signatures: INVENTORS Name: Moungyoub LEE Name: Jonghyun BYEON	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	intes, tional d legal or and assors, ercon; arives,
wals, continuations, or continuations in part thereof and wention for the Protection of Industrial Property to the escentatives; the undersigned agree that the attorneys of resemble to the undersigned hereby agree to transfer a fining original, divisional, reissued or extended Letters Pars and legal representatives, and without further remunding out of or related to the said invention; and to execute need essential to ASSIGNEE's full protection and title in an AND, the undersigned hereby grants the firm of iffication that may be necessary or desirable in order to commark Office, for recordation of this document. NED on the dates indicated aside our signatures: INVENTORS Name: Moungyonb LEE Name: Jonghyun BYEON	Nor that claim priority thereto, and to said ASSIGNEE, for its interest as accord in said application shall hereafte. I like interest, and to render all necessation, in and to any improvement any papers by the said ASSIGNEE, and to the invention hereby transferred.	all extensions, divisions, reissues, subisible right to all benefits under the International Programmes and the International Programmes and ASSIGNEE; and application for patent based the successors, assigns and legal represent the successors as a successor as a	intes, tional d legal or and assors, ereon; arives,

PATENT REEL: 027141 FRAME: 0533

RECORDED: 10/28/2011