PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3280289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONGHWA YANG	03/17/2015
HYERIM LEE	02/27/2015
KYUNGHA LEE	02/27/2015
HYEJIN BAE	03/10/2015
JEONGHWAN KIM	02/12/2015

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14667443

CORRESPONDENCE DATA

Fax Number: (213)623-2211

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: SUITE 2300

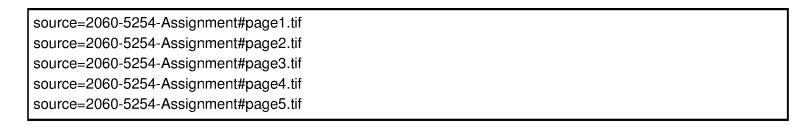
Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2060-5254
NAME OF SUBMITTER:	HARRY S. LEE
SIGNATURE:	/Harry S. Lee/
DATE SIGNED:	03/24/2015

Total Attachments: 5

PATENT REEL: 035245 FRAME: 0903

503233671



PATENT REEL: 035245 FRAME: 0904

(1-8)	Insert Name(s) of Inventor(s)	(2) H (3) K	eonghwa YANG (5) Jeonghwan KIM lyerim LEE (6) lyungha LEE (7) lyejin BAE (8) In consideration of the sum of one dollar (\$1.00) and other good and		
			valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9)	Insert name of Assignee	(9)	LG Electronics Inc.		
(10)	Insert state of Incorporation of Assignee	n (10)	Republic of Korea		
(11)	Insert address of Assignee	(11)	128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea		
			einafter designated as the Assignee) the entire worldwide right, title and est in the invention known as		
(12)	Insert identification of	(12)	MOBILE TERMINAL AND CONTROLLING METHOD THEREOF		
	Invention, such as Title, Case Number or Foreign Application Number		for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.		
1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.					
	may be declared concern	ning this a	s) to execute all papers necessary in connection with any interference application or continuation or division thereof and to cooperate with the ag evidence and going forward with such interference.		
			to execute all papers and documents and perform any act which may be provisions of the International Convention for Protection of Industrial		
of a v	The undersigneralid United States patent to) to perform all affirmative acts which may be necessary to obtain a grant gnee.		
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.					
	ert on this assignment any	further ide	the Attorneys associated with Customer No. 035884 the power entification which may be necessary or desirable in order to comply with Trademark Office for recordation of this document.		
			Inventor (1)		
Date:	Sig	nature of	Inventor (2)		
Date:	Sig	nature of	Inventor (3)		
Date:	Sig	nature of	Inventor (4)		

Date: _____ Signature of Inventor (5)_____

PATENT REEL: 035245 FRAME: 0905

(1-8)	Insert Name(s) of Inventor(s)	(1) Jeonghwa YANG (2) Hyerim LEE	(5) Jeonghwan KIM (6)
	, ,	(3) Kyungha LEE	(7)
		(4) Hyejin BAE	(8)
		in consideration of the sum valuable considerations p	of one dollar (\$1.00) and other good and aid to each of the undersigned, the sign, and hereby does assign, transfer and
(9)	Insert name of Assignee	(9) LG Electronics Inc.	
	Insert state of Incorporation of Assignee	(10) Republic of Korea	
(11)	Insert address of Assignee	(11) 128, Yeoul-daero, Yeongdeu Korea	ingpo-gu, Seoul, 160-721, Republic of
		(hereinafter designated as the As interest in the invention known as	signee) the entire worldwide right, title and
(12)	Insert identification of Invention, such as Title,	•	ONTROLLING METHOD THEREOF
Case Number or Foreign Application Number			as (have) executed an application for patent ica and all patent applications in foreign reto or based thereon.
exect	onal and continuing United S	tates and foreign applications for	sary in connection with any original, reissue, the above-identified invention and also to as the Assignee may deem necessary or
	may be declared concerning		essary in connection with any interference r division thereof and to cooperate with the d with such interference.
			ocuments and perform any act which may be nal Convention for Protection of Industrial
of a v	4) The undersigned again United States patent to the		ts which may be necessary to obtain a grant
application (they	etters Patents of the United S catlons thereof to the said As- have) full right to convey the ement in conflict herewith.	tates resulting from said applicationsignee, as Assignee of the entire entire interest herein assigned, and	ne Commissioner of Patents to issue any and on or any division or divisions or continuing interest, and hereby covenants that he has dithat he has (they have) not executed any divith Customer No. 035884 the power
	ert on this assignment any furt		essary or desirable in order to comply with
Date		ure of Inventor (1)	
Date	: 2/20/20 Sate	ure of Inventor (2)	
Data	. Clauseh	uf tax	

Date: _____ Signature of Inventor (4)___ Date: _____ Signature of Inventor (5)___

REEL: 035245 FRAME: 0906

Attorney Docket No. 2060-5254

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)		eonghwa YANG	(5)	Jeonghwan KiM
			yerim LEB	(6)	
		*	yungha LEE	(7)	
		(4) [yejin BAE	(8)	
			Administration COLISIOGISII	ons baid to i	ollar (\$1.00) and other good and each of the undersigned, the hereby does assign, transfer and
(9)	Insert name of Assignee	(9)	LG Electronics Inc.		
	Insert state of Incorporation of Assignee	• •	Republic of Kores		
(† <u>1)</u>	Insert address of Assigne	e (11)	128, Yeoui-daero, Ye Korea	ongdeungpo-gu,	Seoul, 150-721, Republic of
		(here	einafter designated as est in the invention kno	the Assignee) t	he entire worldwide right, title and
(12)	Insert identification of Invention, such as Title.				LING METHOD THEREOF
	Case Number or Foreign Application Number		for which the undersign the United States countries correspond	of America and a	executed an application for patent Il patent applications in foreign
which Assig	2) The undersign	rnina this i	application or continu	ation or division	n connection with any interference thereof and to cooperate with the chinterference.
neces Prope	The undersigners in connection with rty or similar agreements.	claims or	to execute all papers provisions of the in	and documents ternational Con-	and perform any act which may be vention for Protection of Industrial
of a v	4) The undersigne alid United States patent t	ed agree(s o the Assi	to perform all affirma	ative acts which	may be necessary to obtain a grant
applic (thev	tters Patents of the Unite ations thereof to the sak have) full right to convey	ed States I Assignee	resulting from said a as Assignee of the	pplication or an entire interest.	hissioner of Patents to issue any and y division or divisions or continuing and hereby covenants that he has e has (they have) not executed an
agree	ment in conflict herewith.	v.ennointe	the Attorneys ass	oclated with	Customer No. 035884 the power
to inse the rul	ort on this assignment any les of the United States P	ctiuther ide	entification which may	be necessary c	r desirable in order to comply with
Date:	Sig	nature of	Inventor (1)		
Date:	Sig	nature of	Inventor (2)		
Date:	02.11.2016 Sig	nature of	Inventor (3) 67m	Sol	
Date:	Sig	nature of	Inventor (4)		

Signature of Inventor (5)_____

REEL: 035245 FRAME: 0907

(1-8)	Insert Name(s) of Inventor(s)	(1) Jeonghwa YANG (5) Jeonghwan KIM (2) Hyerim LEE (6)
4. h.:		
		(3) Kyungha LEE (7) (4) Hyejin BAE (8)
andre s		in consideration of the sum of one dollar (\$1.00) and other good and
		valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	Insert name of Assignee	(9) LG Electronics Inc.
(10)	Insert state of Incorporati of Assignee	on (10) Republic of Korea
(11)	Insert address of Assigne	ee (11) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea
		(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12)	Insert identification of Invention, such as Title,	(12) MOBILE TERMINAL AND CONTROLLING METHOD THEREOF
	Case Number or Foreign Application Number	for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
	The undersign may be declared conce	ied agree(s) to execute all papers necessary in connection with any interference ming this application or continuation or division thereof and to cooperate with the ain obtaining evidence and going forward with such interference.
	The undersign ssary in connection with erty or similar agreements	ed agree(s) to execute all papers and documents and perform any act which may be claims or provisions of the International Convention for Protection of Industrial i.
of a v	4) The undersign valid United States patent	ed agree(s) to perform all affirmative acts which may be necessary to obtain a grant to the Assignee.
appli (they	etters Patents of the Unit cations thereof to the sai have) full right to convey ement in conflict herewith.	ed hereby authorize(s) and request(s) the Commissioner of Patents to issue any and ted States resulting from said application or any division or divisions or continuing id Assignee, as Assignee of the entire interest, and hereby covenants that he has the entire interest herein assigned, and that he has (they have) not executed any by appoints the Attorneys associated with Customer No. 035884 the power
	sert on this assignment an	y further identification which may be necessary or desirable in order to comply with Patent and Trademark Office for recordation of this document.
Date	: Si	ignature of Inventor (1)
Date	SIS	ignature of Inventor (2)
Date	::Si	ignature of Inventor (3)
Date	2015.03.10 s	ignature of Inventor (4) Carrys
Date	S.	ignature of Inventor (5)

PATENT REEL: 035245 FRAME: 0908

(1-8)	Insert Name(s) of Inventor(s)	(1) Jeonghwa YANG (5) Jeonghwan KIM (2) Hyerim LEE (6) (3) Kyungha LEE (7) (4) Hyejin BAE (8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9)	Insert name of Assignee	(9) LG Electronics Inc.		
(10)	Insert state of Incorporation of Assignee	(10) Republic of Korea		
(11)	Insert address of Assignee	(11) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea		
		(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as		
(12)	Insert identification of Invention, such as Title.	(12) MOBILE TERMINAL AND CONTROLLING METHOD THEREOF		
	Case Number or Foreign Application Number	for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.		
division execu expec	onal and continuing United ite separate assignments in	igree(s) to execute all papers necessary in connection with any original, reissue, States and foreign applications for the above identified invention and also to connection with such applications as the Assignee may deem necessary or		
which Assig	may be declared concerning	agree(s) to execute all papers necessary in connection with any interference g this application or continuation or division thereof and to cooperate with the obtaining evidence and going forward with such interference.		
neces Prope	The undersigned assary in connection with clarity or similar agreements.	igree(s) to execute all papers and documents and perform any act which may be lins or provisions of the International Convention for Protection of Industrial		
of a v	The undersigned alid United States patent to the states are states.	agree(s) to perform all affirmative acts which may be necessary to obtain a grant ie Assignee.		
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee; as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.				
to ins	ert on this assignment any fu	ppoints the Attorneys associated with Customer No. 035884 the power the Identification which may be necessary or desirable in order to comply with and Trademark Office for recordation of this document.		
Date:	Signa	ture of Inventor (1)		
Date:	Signa	ture of Inventor (2)		
Date:	Şigna	ture of Inventor (3)		
Date:	ate: Signature of Inventor (4)			

PATENT REEL: 035245 FRAME: 0909

RECORDED: 03/24/2015