10/31/2016 504074673

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4121340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUHWANG KIM	10/05/2016
JONGHOON SEO	09/12/2016
SOONWON HONG	09/13/2016
HONGBIN YANG	09/13/2016
JEONGHUN JANG	10/10/2016

RECEIVING PARTY DATA

Name: LG ELECTRONICS INC.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15339213	

CORRESPONDENCE DATA

Fax Number: (703)766-3644

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.

Phone: 7037663777

Email: ked-docket@ked-iplaw.com **Correspondent Name:** KED & ASSOCIATES, LLP

Address Line 1: P.O. BOX 8638

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	RPL-0528
NAME OF SUBMITTER:	DAVID C. OREN
SIGNATURE:	/David C. Oren/
DATE SIGNED:	10/31/2016

Total Attachments: 5

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PATENT REEL: 040177 FRAME: 0247

504074673



PATENT REEL: 040177 FRAME: 0248 Docket No.:

RPL-0528

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

sufficiency of which is hereby acknowledged, the unders	igned,
(1) Suhwang KIM	(4) Hongbin YANG
(2) Jonghoon SEO	(5) Jeonghun JANG
(3) Soonwon HONG	(6)
who have made a certain new and useful invention, here	by sell, assign and transfer unto
128, Yeoui-dae	CTRONICS INC. ro, Yeongdeungpo-gu , Republic of Korea
its successors and assigns (hereinafter designated "ASSI of America as defined in 35 U.S.C. 100 in the invention of	GNEE") the entire right, title and interest for the United States entirled
MOBILE TERMINAL AND MET	HOD FOR CONTROLLING THE SAME
(a) for which an application for United States Letters Pa Serial No; or	atent was filed on, and identified by United States
(b) for which an application for United States Letters Pa	atent was executed on,
any and all United States Letters Patent which may be grextensions, divisions, reissues, substitutes, renewals, co priority thereto, and the right to all benefits under the In	United States Commissioner of Patents and Trademarks to issue ranted therefor and/or that claim priority thereto and any and all entinuations, or continuations-in-part thereof and/or that claim aternational Convention for the Protection of Industrial Property its successors, assigns and legal representatives; the undersigned II hereafter act on behalf of said ASSIGNEE;
application for and obtaining original, divisional, reissue of the said ASSIGNEE, its successors, assigns and legal improvements, and applications for patent based thereof	r a like interest, and to render all necessary assistance in making ed or extended Letters Patent of the United States, upon request representatives, and without further remuneration, in and to any n, growing out of or related to the said invention; and to execute gns and legal representatives, deemed essential to ASSIGNEE's ansferred.
AND the undersigned hereby grants the firm assignment any further identification that may be necess authority, including the United States Patent and Traden	of KED & ASSOCIATES, LLP the power to insert on this sary or desirable in order to comply with the rules of any issuing mark Office, for recordation of this document.
SIGNED on the dates indicated aside our signatures:	
INVENTORS	DATE SIGNED
1)	5. Oct . 2016
Name: Suhwang KIM	
2) Name: Jonghoon SEO	
3) Name: Soonwon HONG	
4) Name: Hongbin YANG	
5)Name: Jeonghun JANG	
6) Name:	

Docket No.: RPL-0528

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	Suhwang KIM	(4)	Hongbin YANG
-	Jonghoon SEO		Jeonghun JANG
	Soonwon HONG	(6)	
` '	. house made a makela man and confed incomalism hands an	11i	

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG ELECTRONICS INC. 128, Yeoui-daero, Yeongdeungpo-gu Seoul, 07336, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, of America as defined in 35 U.S.C. 100 in the invention entitled	title and interest for the United States
MOBILE TERMINAL AND METHOD FOR CONTRO	DLLING THE SAME
(a) for which an application for United States Letters Patent was filed on; or	_, and identified by United States
(b) for which an application for United States Letters Patent was executed on	· · · · · · · · · · · · · · · · · · ·
and the undersigned hereby authorize and request the United States Commission any and all United States Letters Patent which may be granted therefor and/or that extensions, divisions, reissues, substitutes, renewals, continuations, or continuationity thereto, and the right to all benefits under the International Convention for to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and agree that the attorneys of record in said application shall hereafter act on behalf of	it claim priority thereto and any and all ions-in-part thereof and/or that claim or the Protection of Industrial Property I legal representatives; the undersigned
AND the undersigned hereby agree to transfer a like interest, and to resapplication for and obtaining original, divisional, reissued or extended Letters Pat of the said ASSIGNEE, its successors, assigns and legal representatives, and with improvements, and applications for patent based thereon, growing out of or relate any papers by the said ASSIGNEE, its successors, assigns and legal representative full protection and title in and to the invention hereby transferred.	ent of the United States, upon request out further remuneration, in and to any ed to the said invention; and to execute
AND the undersigned hereby grants the firm of KED & ASSOCIAT assignment any further identification that may be necessary or desirable in order t authority, including the United States Patent and Trademark Office, for recordation	to comply with the rules of any issuing
SIGNED on the dates indicated aside our signatures:	
INVENTORS	DATE SIGNED
1)Name: Suhwang KIM	
2) Name: Jonghoon SEO	12. Sep. 20/6.
3) Name: Soonwon HONG	
4) Name: Hongbin YANG	
5) Name: Jeonghun JANG	
6) Name:	

jonghoon.seo/서答念/192**PAJENT**/2016-09-12 11:17 **REEL: 040177 FRAME: 0250**

Docket No.:

RPL-0528

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

sur	nciency of which is hereby acknowledged, the undersi	gnea,		
(1)		(4)		in YANG
(2)	Jonghoon SEO	(5)	Jeongh	un JANG
(3)		(6)		
wh	o have made a certain new and useful invention, herel	oy sell, assig	n and trac	asfer unto
		CTRONICS		
	<u>128, Yeoui-daer</u> <u>Seoul, 07336,</u>			
	successors and assigns (hereinafter designated "ASSIO America as defined in 35 U.S.C. 100 in the invention of	GNEE") th		
	MOBILE TERMINAL AND METH	HOD FOR	R CONT	ROLLING THE SAME
	for which an application for United States Letters Paial No; or	tent was file	ed on	, and identified by United States
(b)	for which an application for United States Letters Pa	tent was ex	ecuted on	
any externic to to agr	I the undersigned hereby authorize and request the Us and all United States Letters Patent which may be grensions, divisions, reissues, substitutes, renewals, country thereto, and the right to all benefits under the Inshe said ASSIGNEE, for its interest as ASSIGNEE, see that the attorneys of record in said application shall AND the undersigned hereby agree to transfer	anted there ntinuations, ternational (its successo hereafter a like inter	for and/o or conting Conventions, assigna- or on behinest, and to	r that claim priority thereto and any and all mations-in-part thereof and/or that claim on for the Protection of Industrial Property, and legal representatives; the undersigned alf of said ASSIGNEE; or render all necessary assistance in making
of imp	olication for and obtaining original, divisional, reissue the said ASSIGNEE, its successors, assigns and legal provements, and applications for patent based thereof papers by the said ASSIGNEE, its successors, assign protection and title in and to the invention hereby transport.	representati n, growing c gns and lega ansferred.	ves, and vout of or r d represer	without further remuneration, in and to any elated to the said invention; and to execute tratives, deemed essential to ASSIGNEE's
ass:	AND the undersigned hereby grants the firm ignment any further identification that may be necess hority, including the United States Patent and Tradem	ary or desir	able in or	der to comply with the rules of any issuing
SIC	SNED on the dates indicated aside our signatures:			
	INVENTORS			DATE SIGNED
1)				
*)	Name: Suhwang KIM			
2)	Name: Jonghoon SEO			
	Low			\$3 CTO 2011
3)				13. SEP 2016
	Name: Soonwon HONG			
4)				
•,	Name: Hongbin YANG			
5)	Name: Jeonghun JANG			
	Isame: Jeongium Janaa			
6)				
-,	Name:			

Docket No.:

RPL-0528

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	Suhwang KIM	(4)	Hongbin Y	ANG
(2)	Jonghoon SEO			ANG
(3)	Soonwon HONG	(6)		
who	have made a certain new and useful invention, hereby	sell, assign	n and transfer u	into
	LG ELECT 128, Yeoui-daero Seoul, 07336, F	, Yeongo	leungpo-gu	
	successors and assigns (hereinafter designated "ASSIG America as defined in 35 U.S.C. 100 in the invention en		e entire right, t	itle and interest for the United States
	MOBILE TERMINAL AND METH	OD FOR	<u>(CONTRO</u>	LLING THE SAME
Seri	for which an application for United States Letters Pater al No; or			
(b)	for which an application for United States Letters Pate	nt was exe	ecuted on	3
any exter price to t	the undersigned hereby authorize and request the Un and all United States Letters Patent which may be grant-ensions, divisions, reissues, substitutes, renewals, controlly thereto, and the right to all benefits under the Interhe said ASSIGNEE, for its interest as ASSIGNEE, its te that the attorneys of record in said application shall here.	ited therei inuations, rnational (successor	for and/or that or continuatio Convention for is, assigns and	claim priority thereto and any and all ins-in-part thereof and/or that claim the Protection of Industrial Property legal representatives; the undersigned
of t imp	AND the undersigned hereby agree to transfer a lication for and obtaining original, divisional, reissued the said ASSIGNEE, its successors, assigns and legal reprovements, and applications for patent based thereon, papers by the said ASSIGNEE, its successors, assigns protection and title in and to the invention hereby transport of the invention hereby transport of the said ASSIGNEE.	or extended presentation growing of and legates sferred.	ed Letters Pate: ves, and withou out of or related I representative	nt of the United States, upon request it further remuneration, in and to any to the said invention; and to execute es, deemed essential to ASSIGNEE's
assi autl	AND the undersigned hereby grants the firm or gnment any further identification that may be necessar nority, including the United States Patent and Trademan	y or desira	able in order to	comply with the rules of any issuing
SIG	NED on the dates indicated aside our signatures:			
	INVENTORS			DATE SIGNED
1)				
~/	Name: Suhwang KIM			
2)	Name: Jonghoon SEO			
3)	Name: Soonwon HONG			
4)	Name: Hongbin YANG			13. SEP. 2016
5)	Name: Jeonghun JANG			
6)	Name:			

Docker No.:

REPORTER

ASSIGNMENT

(1)	Sohwang KIM	(4)) Hongbin YANG
(2)	Josephoon SEO	(5)	: [2] - [2] (- [2] ([2) ([2] ([2) ([2] ([2] ([2) ([2] ([2) ([2] ([2) ([2) ([2) ([2) ([2) ([2) ([2) ([2
(3)	Spanwan HONG	. (6)	II.
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	00 033 128, Yeoui-da Scoul, 0733)	craonics to, Yeongo i, Republic	gdeungpo-eu
its : of i	successors and assigns (hereinafter designated "ASS America as defined in 35 U.S.C. 100 in the invention	IGNEE") th entitled	the entire right, title and interest for the United Sta
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(2) Seri	for which an application for United States Letters at No; or	Parent was	is filed on, and identified by United Sta
(b)	for which an application for United States Letters F	atest was ex	xecuted on
any extr pric to t	the undersigned hereby authorize and request the and all United States Letters Patent which may be a miceus, divisions, missues, substitutes, mnewals, corrected, and the right to all benefits under the I he said ASSIGNEE, for its interest as ASSIGNEE at that the attorneys of record in said application sha	pagied there; ontinuations, necessional (, its successo	refor and/or that claim priority thereto and any and is, or continuations in-part thereof and/or that els I Convention for the Protection of Industrial Propi ints, assigns and legal representatives; the undersity
of t imp any	AND the undersigned hereby agree to transfi- lication for and obtaining original, divisional, reason he said ASSIGNEE, its successors, assigns and lega- rovements, and applications for patent based there- papers by the said ASSIGNEE, its successors, assi- protection and title in and to the invention hereby to	ed or extend I representati 10, growing r Igos and legs	itives, and without further remuneration, in and so tout of or related to the said invention; and to ever
izss Iters	AND the undersigned bereby grants the first goment any further identification that may be neces tority, including the United States Patent and Teads	sary or desir	& ASSOCIATES, LLP the power to insert on i inable in order to comply with the rules of any issue, for recordation of this document.
SIC	iNED on the dates indicated saids our signatures:		
	INVENTORS		DATE SIGNED
1)			
:15°	Name: Suhwang KIM	*************	
2)			
φ.,	Name Jonghoon SEO	mmmmmm.	

PATENT

REEL: 040177 FRAME: 0253

October 10,2016

RECORDED: 10/31/2016

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Name: Soonwon HONG

Name: Hongbin YANG