12/14/2018 505236701

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5283471

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUNGHAN KIM	08/26/2018
HYUNJU OH	08/21/2018
JAEHO KWAK	12/11/2018
JAEHWAN PARK	10/22/2018
SANGHYUN JUNG	08/21/2018
JAHEE HUR	08/21/2018

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:	16105439		

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 703-205-8000

tuyen.y.ly@bskb.com, mailroom@bskb.com Email: BIRCH, STEWART, KOLASCH & BIRCH, LLP **Correspondent Name:** Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	1630-1740PUS1
NAME OF SUBMITTER:	TUYEN LY
SIGNATURE:	/tuyen ly/
DATE SIGNED:	12/13/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 047773 FRAME: 0831

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Total Attachments: 5

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention	⇔	MOBILE TERMINAL AND METHOD FOR CONTROLLING THE SAME
		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
		This declaration is directed to the application attached hereto.
Application not Attached	⇔	If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	⇔	United States Application Number or PCT International Appln. No. 16/105439
Enter Filing Date	⇔	filed on August 20, 2018 .
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	⇔	WHEREAS, LG ELECTRONICS INC.
Insert Address of Assignee	⇔	of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336,, Republic of Korea,
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇔	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

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terms for which the same may be granted.

The undereigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assigner and to vest all rights therein hereby conveyed to said Assigner as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby coverants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby coverants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LECAL N	FAME OF INVENTOR	
bloomy time in lowestor.	Younghan KIM	_ Date: <u>AVJ 27, 2049 _</u>
Signatur:	-440 <u></u>	

An application data sizes (FTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor, or check the box below and complete the attached page(s) to list additional inventors.

[] Additional in enters are being named on the [1] supplemental sheet attached hereto.

MEXICH, STEWARD SOLASKIB & MIRCH, 1916

Page 2

BSKR-DEC-ASSIGN (08-17)

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)	
Supplemental Sheet Page 1 of	3

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interior de deserti	* laventer	Hyenju OH	Date	Ag 21.2018
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Attorney Docket No. 1630-1740PUS1

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 2 of 3

•	LEGAL N	AME OF JOINT INVENTOR, IF ANY			
Inventor's Name	⇒ Inventor:	Hyunju OH	• •	Date:	
Inventor's Signature	⇒ Signature:				
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	•		
Inventor's Name	⇒ Inventor:	Jaeho KWAK		Date:	
Inventor's Signature	⇒ Signature:				
				•	
1.00 mg/d	LEGAL N	AME OF JOINT INVENTOR, IF ANY			
Inventor's Name	⇒Inventor:	Jaehwan PARK		Date:	22/10/2018
Inventor's Signature	⇒Signature:	Jantham	· · · · · · · · · · · · · · · · · · ·		
	LEGAL N.	AME OF JOINT INVENTOR, IF ANY			
Inventor's Name	⇔Inventor:	Sanghyun JUNG		Date:	
Inventor's Signature	⇔Signature:				
. • •		•			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	•		
Inventor's Name	⇒Inventor:	Jahee HUR		Date:	
Inventor's Signature	⇔Signature:	· · · · · · · · · · · · · · · · · · ·			
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Inventor's Name	⇔Inventor:		<u> </u>	Date:	
Inventor's Signature	⇔Signature:	· · · · · · · · · · · · · · · · · · ·	•		
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SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3

	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor:	Hyunju OH	Date:	
Inventor's Signature	⇒ Signature:		<u>.</u> .	
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor:	Jaeho KWAK	Date: 2018.12,11	
Inventor's Signature	⇒ Signature:	政权是		
		AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:	Jaehwan PARK	Date:	
Inventor's Signature	⇒Signature:		:	
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventoṛ:	Sanghyun JUNG	Date:	
Inventor's Signature	⇒Signature:		. •	
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Jahee HUR	Date:	
Inventor's Signature	⇒Signature:			
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Inventor's Name	⇔Inventor:		Date:	
Inventor's Signature	⇔Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
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Page 3

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