# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SOONHYUN PARK	04/23/2018
CHANWOO PARK	04/23/2018
DONGSOON KIM	04/23/2018
MIN KIM	04/23/2018

### **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:	35506686

## **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: 7032058000

Lynn.T.Lam@bskb.com, mailroom@bskb.com Email: BIRCH STEWART KOLASCH & BIRCH LLP **Correspondent Name:** Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100 EAST

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	0465-7391PUS1
NAME OF SUBMITTER:	LYNN LAM
SIGNATURE:	/lynn lam/
DATE SIGNED:	02/21/2020

**Total Attachments: 2** 

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**PATENT** REEL: 051888 FRAME: 0581 505929063

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

United States Patent Richts, or United States Plus all Foreign Patent Richts

## **ASSIGNMENT**

Application No.:	35506686	Filed:	November 02, 2018
insert Name(s of Inventor(s)	WHEREAS, Soonly		caps))*** oo PARK, Dongsoon KIM, Min KIM ersigned) has (have) invented certain new and useful improvements in:
lösért Tiñe öf Invention	WIRELESS EAI	RBUD	
			tters Patent of the United States of America has been executed by to a provisional application)
Signing of	on April 23, 2018		; and
Appin. Insert Name of Assignee	WHEREAS, LG EI	ectronics Inc.	
Insert Address of Assignce	of 128, Yeou'i-daen	o, Yeongdeungpo	o-gu, Seoul, 07336, Republic of Korea,
	acquiring the entir	e right, title and i	ntatives and assigns (hereinafter designated as the Assignee) is desirous interest in and to said invention and in and to any Letters Patent(s) that materies of America and
Check Box if Appropriate	in any foreign	countries.	
	undersigned has ( unto said Assigne territories, depend Patent(s) which n possessions, and i	nave) sold, assign be the full and e lencies and posse ay be granted the f the box above is	d valuable consideration, the receipt of which is hereby acknowledged, to med and transferred, and by these presents does (do) sell, assign and transfexclusive right to the said invention in the United States of America, sessions and the entire right, title and interest in and to any and all Lette therefor in the United States of America, its territories, dependencies as is designated, in any and all foreign countries; and to any and all divisions and extensions thereof for the full term or terms for which the same means and extensions thereof for the full term or terms for which the same means and extensions thereof for the full term or terms for which the same means and extensions thereof for the full term or terms for which the same means are the same of the full term or terms for which the same means are the same of the full term or terms for which the same means are the same of the same means are the same means are the same means are the same of the same means are the same

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Attorney Docket No.: 0465-7391PUS1

The undersigned agree(s) 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 agree(s) 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 agree(s) 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 undereigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee 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 authorize(s) and request(s) 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 covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date April 23, 2018	Name of Inventor	Min Kim (Signature) Min KIM	
Date April 23, 2018	Name of Inventor	(Signature) Dongsoon KIM	
Date April 23, 2018	Name of Inventor	(Signature) Chanwoo PARK	
Date April 23, 2018	Name of Inventor	Signature) Soonhyun PARK	
Date	Name of Inventor	(Signature)	
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