## 504870419 04/16/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAEWOOK BYUN	02/14/2018
JIAN XU	02/14/2018

### **RECEIVING PARTY DATA**

Name:	LG ELECTRONICS INC.	
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City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15768246	

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NAME OF SUBMITTER:	DERYA SEVINC
SIGNATURE:	/Derya Sevinc/
DATE SIGNED:	04/16/2018

### **Total Attachments: 2**

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PATENT 504870419 REEL: 045552 FRAME: 0514

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

# **ASSIGNMENT**

Application No.	15/768,246	Filed	April 13, 2018		
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***				
of inventor(s)	WHEREAS, BYUN, Daewook and X (have) invented certain new and useful				
Insert Title of Invention	METHOD AND APPARATUS I CONTINUITY	FOR SUPPORT	ING SCPTM SERVICE		
	for which an application for Letters Patent of the United States of America has been executed by th undersigned (except in the case of a provisional application)				
Insert Date of Signing of	on <b>February 14, 2018</b>		; and		
Application Insert Name of Assignee	WHEREAS, LG ELECTRONICS INC.				
Insert Address of Assignee	of 128, Yeoui-daero, Yeongdeungpo-g	gu Seoul 07336, Re	epublic of Korea		
СНЕСК ВОХ		le and interest in an	hereinafter designated as the Assignee) is d to said invention and in and to any Letters f America and		
IF APPROPRIATE	paid, the receipt of which is hereby a	cknowledged, and	Dollars (\$10.00) to the undersigned in hand other good and valuable consideration, the nd by these presents does sell, assign and		

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does 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 forcign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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 Letter 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 undersigned 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)

Page 1 of 2

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 Patents 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 Feb. 14, 2018,

Name of Inventor BYUN, Daewook

(signature) BYUN, Daewook

Date \_ Feb. 14, 2018

Name of Inventor

(signature) XU, Jian