### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3846108

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LAEYOUNG KIM	03/31/2016
JINSOOK RYU	03/31/2016
HYUNSOOK KIM	03/31/2016
JAEHYUN KIM	03/31/2016
TAEHUN KIM	03/31/2016

#### 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:	15077330				

#### **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

Email: mailroom@bskb.com, lboone@bskb.com

Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: P.O. BOX 747

Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0465-5513PUS1
NAME OF SUBMITTER:	LA TESA BOONE
SIGNATURE:	/LA TESA BOONE/
DATE SIGNED:	04/26/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 3

PATENT REEL: 038382 FRAME: 0525

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> PATENT REEL: 038382 FRAME: 0526



### BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

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	METHOD FOR TRANSMITTING AND RECEIVING SIGNAL RELATED TO MONITORING BY SCEF IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR 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 set forth above and/or the following:
Enter Appln. No.	⇒ United States Application Number or PCT International Appln. No. <u>15/077330</u>
Enter Filing Date	⇒ filed on March 22, 2016
	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 3 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,
Ü	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desiro of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patenti 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 acknowledge the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign at transfer unto said Assignee the full and exclusive right to the said invention in the United States America, its territories, dependencies and possessions and the entire right, title and interest in and to an

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

terms for which the same may be granted.

PATENT REEL: 038382 FRAME: 0527 LGE Ref.: 16FASL195US01\_syc

The undersigned 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 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 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 covenants 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 covenants 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.

Elonia mind of my Entron						
Inventor's Name ⇒	Inventor:	KIM, Laeyoung		Date:	March 31,2016	
Inventor's Signature ⇒	Signature:	LAEYOUNG	KIM		·	

An application data sheet (PTO/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.

 $\square$  Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR

PATENT REEL: 038382 FRAME: 0528 LGE Ref.: 16FASL195US01\_syc

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

## **ADDITIONAL INVENTOR(S)** Supplemental Sheet Page <u>1</u> of <u>1</u>

Inventor's Name	⇒ Inventor:	RYU, Jinsook	Date:	March 31 201
Inventor's Signature	⇒ Signature:	lumb		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor:	KIM, Hyunsook	Date:	March 31, 2016
Inventor's Signature	⇒ Signature:	Hyun sook Kim		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	KIM, Jaehyun	Date:	March 31.2016
Inventor's Signature	⇔Signature:	JAEHYUN KZM		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	KIM, Taehun	Date:	March 31.2016
Inventor's Signature	⇔Signature:	TAEHUM KIM	-	
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:		Date:	
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Inventor's Signature	⇒Signature:			

PATENT REEL: 038382 FRAME: 0529

**RECORDED: 04/26/2016**