PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6063077

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sangmin PARK	09/23/2019
Myungjune YOUN	09/23/2019
Hyunsook KIM	09/23/2019
Jinsook RYU	09/30/2019
Dongsoo KIM	09/23/2019

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:	16496193

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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:
 +1 (202) 626-6431

 Email:
 apsi@fr.com

 Correspondent Name:
 WON S. YOON

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20211-0371US1
NAME OF SUBMITTER:	LYNDZIE HAMM
SIGNATURE:	/Lyndzie Hamm/
DATE SIGNED:	04/15/2020

Total Attachments: 5

PATENT REEL: 052407 FRAME: 0400

506016364



PATENT REEL: 052407 FRAME: 0401

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Sangmin PARK, Myungjung YOUN, Hyunsook KIM, Jinsook RYU and Dongsoo KIM each individually assigns to LG ELECTRONICS INC., a corporation formed under the laws of Republic of Korea, and having a principal place of business at 128. Yeouidaero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea, , and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "METHOD INTERLAYER INTERACTION METHOD IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR," and was or will be filed in the United States Patent and Trademark Office on September 20, 2019, as application 16/496193 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

Assignment Page 1 of 3

PATENT REEL: 052407 FRAME: 0402

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

SANG PUN PANK	Date: September 22, 2019	
Sangmin PARK		
Myungiane Youn Myungjahe YOUN	Date: Sq. 10mbor 23, 2019	
Hyunsook Kim	Date: 49 37, 2019	
Hyunsook KIM	S Heatanias	
Jinsook RYU	Date:	
Dongsoo KIM	Date:	
Witnessed by:		
Signature:	Date:	
Print Name:	incent	
Signature:	Date:	
Print Name:		

Assignment Page 2 of 3

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Sangmin PARK	Date:
Myungjune YOUN	Date:
Hyunsook KIM	Date:
JINSOOK KYU LONG- Jinsook RYU	Date: 508, 30, 20 (9
Dongsoo KIM	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 2 of 3

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Sangmin PARK	Date:
Myungjune YOUN	Date:
Hyunsook KIM	Date:
Jinsook RYU	Date:
Dongsoo KIM	Date: 10/9 9.23
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 2 of 3

	The Assignce hereby acknowledges and accepts the foregoing	asagminut.		
	Assignee: LG ELECTRONICS INC.			
	Signature:	Date:		
	Name:			
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Assignment Page 3 of 3

PATENT REEL: 052407 FRAME: 0406

RECORDED: 04/15/2020