

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5912879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kilbom LEE	01/14/2020
Jiwon KANG	12/18/2019
Kyuseok KIM	12/23/2019
Kijun KIM	12/23/2019
Kunil YUM	12/25/2019
RECEIVING PARTY DATA	
Name:	LG Electronics Inc.
Street Address:	128, Yeoui-daero, Yeongdeungpo-gu Seoul 07336
Internal Address:	Republic of Korea
City:	Seoul
State/Country:	Republic of Korea
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16252142
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	+1 (202) 626-6431
Email:	apsi@fr.com, andersen@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:	19819-1032002
NAME OF SUBMITTER:	MELISSA ANDERSEN
SIGNATURE:	/Melissa Andersen/
DATE SIGNED:	01/15/2020

Total Attachments: 4

source=Executed_Assignment#page1.tif

source=Executed_Assignment#page2.tif

source=Executed_Assignment#page3.tif

source=Executed_Assignment#page4.tif

ASSIGNMENT

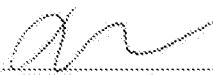
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, KILBOM LEE, JIWON KANG, KYUSEOK KIM, KIJUN KIM, and KUNIL YUM, each individually assigns to LG ELECTRONICS INC., a corporation formed under the laws of Republic of Korea, and having a principal place of business at 128, Yeoui-daero, 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 OF RECEIVING PHASE TRACKING REFERENCE SIGNAL BY USER EQUIPMENT IN WIRELESS COMMUNICATION SYSTEM AND DEVICE FOR SUPPORTING SAME," and was filed in the United States Patent and Trademark Office on January 18, 2019, as application 16/252,142 (the "Application").

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.

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.


.....
Eilbom LEE

Date: 2020/01/14

.....
Jiwon KANG

Date:

.....
Kyuseok KIM

Date:

.....
Kijun KIM

Date:

.....
Kunil YUM

Date:

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.

Kilbom LEE

Date: _____



Jiwon KANG

Date: 2019.12.18

KYUSEOK

Kyuseok KIM

Date: Dec. 23. 2019

7/7/20

Kijun KIM

Date: 2019/12/25

Kunil YUM

Date: _____

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.

Kilbom LEE

Date: _____

Jiwon KANG

Date: _____

Kyuseok KIM

Date: _____

Kijun KIM

Date: _____

YUM

Kumil YUM

Date: 2019. 12. 25