PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonghyun PARK	09/11/2018
Jiwon KANG	09/11/2018
Kijun KIM	09/11/2018
Minki AHN	09/06/2018
Kukheon CHOI	09/11/2018

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:	16291988

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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 WON S. YOON

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ATTORNEY DOCKET NUMBER:	20211-0224002
NAME OF SUBMITTER:	LYNDZIE HAMM
SIGNATURE:	/Lyndzie Hamm/
DATE SIGNED:	04/02/2020

Total Attachments: 6

PATENT REEL: 052299 FRAME: 0389

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PATENT REEL: 052299 FRAME: 0390

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JONGHYUN PARK, JIWON KANG, KIJUN KIM, MINKI AHN, and KUKHEON CHOI, 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 OF SOUNDING A TERMINAL IN A WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR." and was or will be filed in the United States Patent and Trademark Office on June 20, 2018, as application 16/064,345 (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.

Assignment Page 1 of 6

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.

M	Date: 2018/9/11
Jonghydn PARK	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

	Date: 2018, 9.11
Jiwon KANG	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 3 of 6

フんラ/メレン Kijun KIM	Date: 20/8/P/11
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name	

Assignment Page 4 of 6

	Date:	06/09/2018	
Minki AHN			
Witnessed by:			
Signature:	Date:		
Print Name:			
Signature:	Date:		
Print Name:			

<u>최 국천</u> kheon CHOI	Date: 20/8/09/11
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tnessed by:	
nature:	Date:
nt Name:	••••••
nature:	Date:
at Name:	
Assignee hereby acknowledges	and accepts the foregoing assignment.
gnee: LG ELECTRONICS INC.	-
ature:	Date:
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Assignment Page 6 of 6

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