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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNG ROCK LEE	07/22/2019
YONGCHUL PARK	07/22/2019
MINOOK KIM	07/22/2019
SIYOUNG YANG	07/22/2019
JUYEONG JANG	07/22/2019
SUNGMIN HAN	07/22/2019

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:	16572955

CORRESPONDENCE DATA

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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: katie.t.daniels@bskb.com, mailroom@bskb.com BIRCH, STEWART, KOLASCH, & BIRCH, LLP **Correspondent Name:**

Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100 E

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ATTORNEY DOCKET NUMBER:	5636-0135PUS1
NAME OF SUBMITTER:	KATIE T. DANIELS
SIGNATURE:	/katie t. daniels/
DATE SIGNED:	09/18/2019

Total Attachments: 7

PATENT REEL: 050420 FRAME: 0716

PATENT REEL: 050420 FRAME: 0717

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, We, LEE, Sung Rock / PARK, Yongchul / KIM, Minook / YANG, Siyoung / JANG, Juyeong / HAN, Sungmin 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 "APPARATUS AND METHOD FOR INSPECTING SPEECH RECOGNITION" and was or will be filed in the United States Patent and Trademark Office on 09/17/2019, as application 16/572,955 (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.

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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.

LEE, Sung Rock

Date: JUL 22, 2019

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PARK, Yongchul

Date: Jul 22, 2019

Kim, Minook Date: Jul 22, 2019

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YANG, Siyoung

Date: Jul 22, 2019

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JANG, Juyeong

Date: Jul 22, 2019

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HAN, Sungmin

Date: Jul 22, 20/9

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