

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7627401

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jaenam SHIM	01/17/2022
Hyunsoo KO	01/17/2022
Suckchel YANG	01/17/2022
Hyangsun YOU	01/17/2022
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17955848
CORRESPONDENCE DATA	
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Email:	welsh@fr.com, apsi@fr.com
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Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	21613-0637002
NAME OF SUBMITTER:	RICHARD WELSH
SIGNATURE:	/Richard Welsh/
DATE SIGNED:	11/03/2022
Total Attachments: 5	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SHIM, Jaenam; KO, Hyunsoo; YANG, Suckchel, and YOU, Hyangsun, each individually assign 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 subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "COVERAGE ENHANCEMENT" and was filed in the United States Patent and Trademark Office on January 14, 2022, as application 17/576,554 (the "Application").

This Assignment assigns (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, (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.

김재남 /
SHIM, Jaenam

Date: Jan 17, 2022

KO, Hyunsoo

Date: _____

YANG, Suckchel

Date: _____

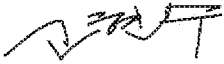
YOU, Hyangsun

Date: _____

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.

SHIM, Jaenam

Date: _____



KO, Hyunsoo

Date: 2022.1.17

YANG, Suckchel

Date: _____

YOU, Hyangsun

Date: _____

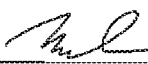
documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

SHIM, Jaenam

Date: _____

KO, Hyunsoo

Date: _____



YANG, Suckchel

Date: 2022, 01, 17

YOU, Hyangsun

Date: _____

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.

SHIM, Jaenam Date: _____

KO, Hyunsoo Date: _____

YANG, Suckchel Date: _____

/ Hyangsun /
YOU, Hyangsun Date: 2022.01.17