507054398 01/03/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HANKYUL YOU	12/30/2021
WOONSUK CHANG	12/01/2021

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:	17597313

CORRESPONDENCE DATA

Fax Number: (213)623-2211

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.

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Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY
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LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2101-72673
NAME OF SUBMITTER:	NORMAN T. LEE
SIGNATURE:	/Norman T. Lee/
DATE SIGNED:	01/03/2022

Total Attachments: 3

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PATENT 507054398 REEL: 058527 FRAME: 0681

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, YOU, Hankvul; CHANG, Woonsuk, 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 "MULTIMEDIA SERVICE PROVIDING DEVICE AND MULTIMEDIA SERVICE PROVIDING METHOD," and was filed in the United States Patent and Trademark Office on as application (the "Application"). We authorize the insertion of the filing date and application number above. 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.
unes, and interests assigned by this resolutions.
Date:
YOO, MARKYAL

PATENT REEL: 058527 FRAME: 0682

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, YOU, Hankvul; CHANG, Woonsuk, 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 "MULTIMEDIA SERVICE PROVIDING DEVICE AND MULTIMEDIA SERVICE PROVIDING METHOD," and was filed in the United States Patent and Trademark Office on _______, as application _______ (the "Application"). We authorize the insertion of the filing date and application number above.

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.

PATENT REEL: 058527 FRAME: 0683

YOU, Hankyul	r	Pate:	
CHANG, Woonsuk	<u>7</u>	Date: Dec	2/, 202/
	knowledges and accepts	s the foregoing assi	ynment.
Assignee: LG ELECTR	UNICS INC.		
Signature:	<u> </u>	······	Date:
Name:			
Title:			
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Assignment Page 2 of 2

RECORDED: 01/03/2022