506107218 06/15/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6153940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANGWOO SUNG	05/19/2020
DEOKKYU LEE	05/19/2020
JUNGGU LEE	05/19/2020

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:	16901661

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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: 2024084000

Email: faxserve@finnegan.com

Correspondent Name: LG ELECTRONICS-FINNEGAN
Address Line 1: 901 NEW YORK AVENUE, NW
Address Line 4: WASHINGTON, D.C. 20001-4413

ATTORNEY DOCKET NUMBER:	15367.0007-00000
NAME OF SUBMITTER:	VIRGINIA MCNELIS-CLARK
SIGNATURE:	/Virginia McNelis-Clark/
DATE SIGNED:	06/15/2020

Total Attachments: 3

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PATENT 506107218 REEL: 052941 FRAME: 0044

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Changwoo SUNG, Deokkyu LEE, Junggu LEE 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 "GEAR SYSTEM," and was or will be 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, 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.

Assignment Page 1 of 3

PATENT REEL: 052941 FRAME: 0045

Changwoo SUNG	Date: May, 19. 2020
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
이 역 구 Deokkyu LEE	Date: May 19 2020
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name: Junggu LEE Witnessed by:	Date: hay (9, 220
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 2 of 3

The Assignee hereby acknowledges and accepts the foregoing assignment.		
Assignee: LG ELECTRONICS INC.		
Signature:	Date:	
Name:		
Title:		

Assignment Page 3 of 3

PATENT REEL: 052941 FRAME: 0047