

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7949904

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MINJI KIM	12/16/2021
DO YEON KIM	12/16/2021
YONG SIK KIM	12/16/2021
JUNG HWAN KIM	12/16/2021
JIN HO KIM	12/16/2021
KYUNGBAE SOHN	12/16/2021
MINSUNG SHIN	12/20/2022
KANG HEE HAN	12/16/2021
HEEDAE HONG	12/20/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG CNS CO. LTD.
<b>Street Address:</b>	E13-DONG, LG SCIENCE PARK, 71,
<b>Internal Address:</b>	MAGOKJUNGANG 8RO, GANGSEO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	07795
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17557697
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)766-3644
<i>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.</i>	
<b>Phone:</b>	7037663777
<b>Email:</b>	ked-docket@ked-iplaw.com
<b>Correspondent Name:</b>	KED & ASSOCIATES, LLP
<b>Address Line 1:</b>	P.O. BOX 8638
<b>Address Line 4:</b>	RESTON, VIRGINIA 20195
<b>ATTORNEY DOCKET NUMBER:</b>	HANA-0005

<b>NAME OF SUBMITTER:</b>	DAVID D. NELSON
<b>SIGNATURE:</b>	/David D. Nelson/
<b>DATE SIGNED:</b>	05/11/2023
<b>Total Attachments: 2</b> source=Assignment0005#page1.tif source=Assignment0005#page2.tif	

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Minji KIM; Do Yeon KIM; Yong Sik KIM; Jung Hwan KIM; Jin Ho KIM; Kyungbae SOHN; Minsung SHIN; Kang Hee HAN; and Heedae HONG, each individually assign to LG CNS Co., Ltd., a corporation formed under the laws of Republic of Korea, and having a principal place of business at E13-dong, LG Science Park, 71, Magokjungang 8ro, Gangseo-gu, Seoul 07795 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 “VIRTUAL DEVICE FOR PROVIDING TEST DATA,” 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.

- 1) Minji Kim 2021.12.16  
Name: **Minji KIM**
- 2) Do Yeon Kim 2021.12.16  
Name: **Do Yeon KIM**
- 3) Yong Sik Kim 2021.12.16  
Name: **Yong Sik KIM**
- 4) Jung Hwan Kim. 2021.12.16  
Name: **Jung Hwan KIM**
- 5) Jin Ho Kim 2021.12.16  
Name: **Jin Ho KIM**
- 6) Kyungbae Sohn 2021.12.16  
Name: **Kyungbae SOHN**
- 7) Minsung Shin 2021.12.20  
Name: **Minsung SHIN**
- 8) KangHee Han 2021.12.16  
Name: **Kang Hee HAN**
- 9) Heedae Hong 2021.12.20  
Name: **Heedae HONG**