506408051 12/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEONG-JAE LIM	11/11/2020
KI-NAM KIM	11/11/2020
TAE-JOON KIM	11/11/2020
SEUNG-UK YOON	11/11/2020
SEUNG-WOOK LEE	11/11/2020
BON-WOO HWANG	11/11/2020

RECEIVING PARTY DATA

Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Street Address:	218, GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17085077

CORRESPONDENCE DATA

Fax Number: (703)573-2514

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: 202-371-8976

Email: firm@rabinberdo.com **Correspondent Name:** RABIN & BERDO, P.C.

Address Line 1: 2650 PARK TOWER DRIVE, SUITE 800

Address Line 4: VIENNA, VIRGINIA 22180

ATTORNEY DOCKET NUMBER:	HANY-221
NAME OF SUBMITTER:	JUN-HWA JEONG
SIGNATURE:	/Jun-Hwa Jeong/
DATE SIGNED:	12/16/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 054673 FRAME: 0853

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Total Attachments: 3

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PATENT REEL: 054673 FRAME: 0854

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS LIM, Seong-Jae, residing in B-1003, 270, Gajeong-ro, Yuseong-gu, Daejeon 34130,
Republic of Korea; KIM, Ki-Nam, residing in 101-401, 22, Munji-ro, Yuseong-gu, Daejeon 34121,
Republic of Korea; KIM, Tae-Joon, residing in 1008-1305, 210, Sicheong-daero, Sejong-si 30151,
Republic of Korea; YOON, Seung-Uk, residing in 1631, 121, Dunsanbuk-ro, Seo-gu, Daejeon 35236.
Republic of Korea; LEE, Seung-Wook, residing in 503-201, 33, Banseokdong-ro, Yuseong-gu, Daejeon
34069, Republic of Korea; and HWANG, Bon-Woo, residing in 207-2703, 60, Jijokbuk-ro, Yuseong-gu,
Daejeon 34070, Republic of Korea, hereinafter referred to collectively as the assignor and inventor, has
invented a certain improvement relating to

Attorney Reference:

APPARATUS AND METHOD FOR GUIDING MULTI-VIEW CAPTURE,

[X] said application be	eing attached hereto;	
[] said application ha	ving been filed in the United States Patent and Trademark Office on	
	, as Application Serial No, and v	was amended
on	(if applicable);	
[] the specification of	which was filed under the Patent Cooperation Treaty on	······································
Serial No	, the United States of America being designated.	
AND WHEREAS ELE	CTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUT	E
of the Republic of Kor	ea, having a place of business at 218, Gajeong-ro, Yuseong-gu, Daeje	on 34129,
Republic of Korea	, hereinafter referred to as the assignee or applicant, is desirous of acquiring	the entire right,
title and interest in and	d to said application, including any and all divisions and continuations thereof	f, and in and to

said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions

including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite

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$\textbf{Continued-Page 3}\\ \textbf{ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT}$

500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

WITNESS:	ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature:	Signature:
Name:	Legal Name: LIM, Seong-Jae
Address:	Date: <u>Nov. 11, 2020</u>
WITNESS:	ASSIGNOR (SECOND INVENTOR):
Signature:	Signature:
Name:	Legal Name: KIM, Ki-Nam
Address:	Date: Nov. 11. 2520
WITNESS:	ASSIGNOR (THIRD INVENTOR):
Signature:	Signature:
Name:	Legal Name: KIM, Tae-Joon
Address:	Date: Nav. 11, 2020

REEL: 054673 FRAME: 0856

Continued – Page 3 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:	ASSIGNOR (FOURTH INVENTOR):
Signature:	Signature:
Name:	Legal Name: YOON, Seung-Uk
Address:	Date:
WITNESS:	ASSIGNOR (FIFTH INVENTOR):
Signature:	Signature:
Name:	Legal Name: LEE, Seung-Wook
Address:	Date: NoV.11.2000
WITNESS:	ASSIGNOR (SIXTH INVENTOR):
Signature:	Signature: Wans
Name:	Legal Name: HWANG, Bon-Woo
Address:	Date: 11, 2020

PATENT REEL: 054673 FRAME: 0857

RECORDED: 12/16/2020