

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAN GIL CHOI	03/09/2023
SANG HEUNG LEE	03/08/2023
SEONG HWAN CHO	03/09/2023
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17513657
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ATTORNEY DOCKET NUMBER:	JIM-191-2A
NAME OF SUBMITTER:	JUN-HWA JEONG
SIGNATURE:	/Jun-Hwa Jeong/

DATE SIGNED:	03/09/2023
Total Attachments: 2 source=JIM-191-2A_Assignment#page1.tif source=JIM-191-2A_Assignment#page2.tif	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Han Gil CHOI, Sang Heung LEE, and Seong Hwan CHO, hereinafter referred to collectively as the assignor(s) and inventor(s), has (have) invented a certain improvement relating to

FREQUENCY MODULATION SYSTEM BASED ON PHASE-LOCKED LOOP CAPABLE OF PERFORMING FAST MODULATION INDEPENDENT OF BANDWIDTH AND METHOD OF THE SAME

said application being attached hereto;
 said application having been filed in the United States Patent and Trademark Office on October 26, 2021, as Application Serial No. 17/513,657, and 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 ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of Daejeon, Republic of Korea and Korea Advanced Institute Of Science And Technology of Daejeon, Republic of Korea, hereinafter referred to as the assignee(s) or applicant(s), is (are) desirous of acquiring the entire 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;

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 assignor, the receipt of which is hereby acknowledged, said assignor 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 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.

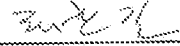
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

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., 2650 Park Tower Drive, Suite 800, Vienna, Virginia 22180, Telephone: (202) 371-8976. Fax: (703) 573-2514, Customer No. 23995.

ASSIGNOR (SOLE OR FIRST INVENTOR):

Signature: 

Legal Name: Han Gil CHOI

Date: 2023.03.09

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

ASSIGNOR (SECOND INVENTOR):

Signature: Sang Heung Lee

Legal Name: Sang Heung LEE

Date: March 8, 2023

ASSIGNOR (THIRD INVENTOR):

Signature: [Signature]

Legal Name: Seong Hwan CHO

Date: 2023.03.09

RABIN & BERDO, P.C.