

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3196315

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KIM JAE HA	01/22/2015
YEO HWAN SEOK	01/22/2015
RYU SI GANG	01/22/2015
RECEIVING PARTY DATA	
Name:	SNU R&DB FOUNDATION
Street Address:	SAN 56-1, SILLIM-DONG, GWANAK-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	151-919
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14604533
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	HAZUKI INTERNATIONAL, LLC
Address Line 1:	11325 RANDOM HILLS ROAD
Address Line 2:	SUITE 220
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ATTORNEY DOCKET NUMBER:	1115P-N0003US
NAME OF SUBMITTER:	STEVEN M. KIRKWOOD
SIGNATURE:	/Steven M. Kirkwood/
DATE SIGNED:	01/23/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS
 UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention ⇨ SYNTHESIZING METHOD OF SIGNAL HAVING VARIABLE
 FREQUENCY AND SYNTHESIZER OF SIGNAL HAVING
 VARIABLE FREQUENCY

As a below named inventor, I hereby declare that:
 This declaration is directed to the application attached hereto.

Application not If the application is not attached hereto, the application is as identified by the
 Attached attorney docket number as set forth above and/or the following:

Enter United States Application Number or PCT International Application. No.: TBA
 Application. No.

Enter Filing Date filed on TBA

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed
 invention in the application.

I have reviewed, and understand the contents of the above-identified application,
 including the claims.

I acknowledge the duty to disclose information which is material to patentability
 as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements
 described in the application identified.

Insert Name of Assignee ⇨ WHEREAS, SNU R&DB FOUNDATION

Insert Address of Assignee ⇨ of San 56-1, Sillim-dong, Gwanak-gu, Seoul 151-919, Republic of
 Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as
 the Assignee) is desirous of acquiring the entire right, title and interest in and to
 said invention and in and to any Letters Patent(s) that may be granted therefor
 in the United States of America and

Check Box if in any foreign countries.
 Appropriate

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the patent prosecution firm which name of HAZUKI INTERNATIONAL, LLC (USPTO Customer No.: 116190) the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

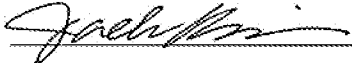
The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name ⇒ Inventor: KIM, Jae Ha
⇒ Date: 2015/01/22

Inventor's Signature ⇒ Signature: 

An application data sheet (PFO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT		ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>	
LEGAL NAME OF JOINT INVENTOR, IF ANY			
Inventor's Name ⇒	Inventor: YEO, Hwan Seok	Date:	2015.01.22
Inventor's Signature ⇒	Signature: Hwanseok Yeo		
LEGAL NAME OF JOINT INVENTOR, IF ANY			
Inventor's Name ⇒	Inventor: RYU, Si Gang	Date:	2015.01.22
Inventor's Signature ⇒	Signature: Si-gang Ryu.		
LEGAL NAME OF JOINT INVENTOR, IF ANY			
Inventor's Name ⇒	Inventor:	Date:	
Inventor's Signature ⇒	Signature:		
LEGAL NAME OF JOINT INVENTOR, IF ANY			
Inventor's Name ⇒	Inventor:	Date:	
Inventor's Signature ⇒	Signature:		
LEGAL NAME OF JOINT INVENTOR, IF ANY			
Inventor's Name ⇒	Inventor:	Date:	
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Inventor's Signature ⇒	Signature:		