

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5445269

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YANG-KI HONG	01/23/2018
WONCHEOL LEE	01/23/2018
KATELYN ISBELL	01/23/2018
NIKOLAUS LUHRS	02/02/2018
RECEIVING PARTY DATA	
Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA
Street Address:	801 UNIVERSITY BOULEVARD
City:	TUSCALOOSA
State/Country:	ALABAMA
Postal Code:	35487
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16235674
CORRESPONDENCE DATA	
Fax Number:	(404)645-7707
<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>	
Phone:	4046457700
Email:	kmurrock@mcciplaw.com
Correspondent Name:	MEUNIER CARLIN & CURFMAN LLC
Address Line 1:	999 PEACHTREE ST NE
Address Line 2:	SUITE 1300
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	10025-204US1
NAME OF SUBMITTER:	KATE MURROCK
SIGNATURE:	/Kate Murrock/
DATE SIGNED:	03/28/2019
Total Attachments: 5	
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PATENT

REEL: 048724 FRAME: 0229

ASSIGNMENT

For valuable consideration, we, **Yang-Ki Hong** of Tuscaloosa, Alabama; **Woncheol Lee** of Tuscaloosa, Alabama; **Katelyn Isbell** of Tuscaloosa, Alabama; and **Nikolaus Luhrs** of Crossville, Tennessee, hereby assign to **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA**, whose principal address is 801 University Boulevard, Tuscaloosa, Alabama 35487, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "**CAVITY-BACKED SPIRAL ANTENNA WITH PERTURBATION ELEMENTS**," filed January 4, 2018, and assigned U.S. Patent Application No. 62/613,640, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

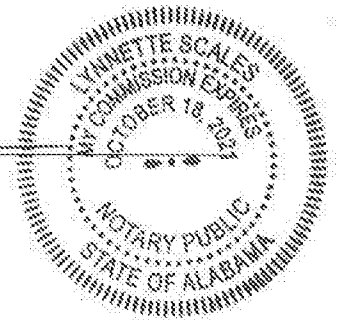
Date: January 23, 2018 Yang-Ki Hong
Yang-Ki Hong

STATE OF Alabama)
COUNTY OF Tuscaloosa) SS.

On January 23, 2018, before me, the undersigned, a notary public for the State of Alabama, there personally appeared **Yang-Ki Hong**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Lynnette Scales
Notary Public



Date: Jan 23, 2018

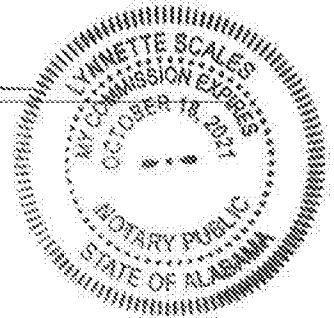
Woncheol Lee
Woncheol Lee

STATE OF Alabama)
) SS.
COUNTY OF Tuscaloosa)

On January 23, 2018, before me, the undersigned, a notary public for the State of Alabama, there personally appeared **Woncheol Lee**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Lynnette Scales
Notary Public



Date: 1-23-18

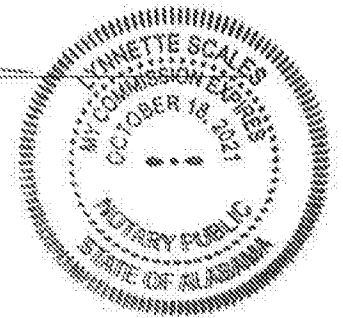
Katelyn Isbell
Katelyn Isbell

STATE OF Alabama)
) SS.
COUNTY OF Tuscaloosa)


On January 23, 2018, before me, the undersigned, a notary public for the State of Alabama, there personally appeared **Katelyn Isbell**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Kynette Scales
Notary Public



Date: 2018-02-02


Nikolaus Luhrs

STATE OF Alabama)
) SS.
COUNTY OF Tuscaloosa)

On Febr, 20____, before me, the undersigned, a notary public for the State of _____, there personally appeared **Nikolaus Luhrs**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.


Notary Public