

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3824378

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE NAME TO "KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION" previously recorded on Reel 036182 Frame 964. Assignor(s) hereby confirms the ASSIGNEE NAME 'MIMO COMMUNICATION SYSTEM USING PRE-CODER BASED ON TIGHT FRAME' IS THE INVENTION TITLE AND WAS ENTERED IN ERROR..
CONVEYING PARTY DATA	
Name	Execution Date
BONGGYUN JO	07/23/2015
DONGSEOG HAN	07/23/2015
RECEIVING PARTY DATA	
Name:	KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION
Street Address:	80, DAEHAK-RO, BUK-GU,
City:	DAEGU
State/Country:	KOREA, REPUBLIC OF
Postal Code:	702-701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14809447
CORRESPONDENCE DATA	
Fax Number:	(213)384-7211
<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:	2133847200
Email:	firm@iplapa.com
Correspondent Name:	IPLA P.A.
Address Line 1:	3580 WILSHIRE BLVD 17TH FLOOR
Address Line 4:	LOS ANGELES, CALIFORNIA 90010
ATTORNEY DOCKET NUMBER:	2193-48
NAME OF SUBMITTER:	JAMES E. BAME
SIGNATURE:	/James E. Bame/
DATE SIGNED:	04/11/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3455721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONGSEOG HAN	07/23/2015
BONGGYUN JO	07/23/2015
RECEIVING PARTY DATA	
Name:	MIMO COMMUNICATION SYSTEM USING PRE-CODER BASED ON TIGHT FRAME
Street Address:	80, DAEHAK-RO, BUK-GU,
City:	DAEGU
State/Country:	KOREA, REPUBLIC OF
Postal Code:	702-701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14809447
CORRESPONDENCE DATA	
Fax Number:	(213)384-7211
<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:	213-384-7200
Email:	FIRM@IPLAPA.COM
Correspondent Name:	IPLA P.A.
Address Line 1:	3580 WILSHIRE BLVD.
Address Line 2:	17TH FLOOR
Address Line 4:	LOS ANGELES, CALIFORNIA 90010
ATTORNEY DOCKET NUMBER:	2193-48
NAME OF SUBMITTER:	JAMES E. BAME
SIGNATURE:	/James E. Bame/
DATE SIGNED:	07/27/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATION

Title of the Invention

MIMO COMMUNICATION SYSTEM USING PRE-CODER BASED ON TIGHT
FRAME

As a below named inventor(s), I/we hereby declare that:

This declaration is directed to the application attached hereto. If not attached hereto, this declaration is directed to United States Application Number _____ filed on _____; and amended (mm/dd/yyyy) on _____ (if applicable), or PCT International Application Number _____ (mm/dd/yyyy) filed on _____; and amended on _____ (if applicable). (mm/dd/yyyy)

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

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought.

I/we 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.

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

AND Whereas, Kyungpook National University Industry-Academic Cooperation Foundation,

whose post office address is 80, Daehak-ro, Buk-gu, Daegu, 702-701, Republic of Korea, hereinafter, "the Assignee", together with its heirs, successors, legal representatives and assigns wants to acquire 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.

WHEREAS, the undersigned hereby authorizes and requests his/her attorney, James E. Bame of IPLA P.A. with the principal address of 3580 Wilshire Boulevard, 17th Floor, Los Angeles, CA 90010, to insert herein on the underline 14/809,447 filed: 27 July 2015, application number and filing date of said application when known.

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.

WHEREAS, 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.

WHEREAS, 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 of the 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.

WHEREAS, 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.

WHEREAS, 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.

WHEREAS, 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.

WHEREAS, 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.

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

LEGAL NAME OF SOLE OR FIRST INVENTOR		
Given Name	Dongseog	Family Name
		HAN
Inventor's Signature		Date
X		July 23, 2015

LEGAL NAME OF SECOND JOINT INVENTOR, IF ANY		
Given Name	Bonggyun	Family Name
		JO
Inventor's Signature		Date
X		July 23, 2015

LEGAL NAME OF THIRD JOINT INVENTOR, IF ANY		
Given Name		Family Name
Inventor's Signature		Date

LEGAL NAME OF 4TH JOINT INVENTOR, IF ANY		
Given Name		Family Name
Inventor's Signature		Date

LEGAL NAME OF 5TH JOINT INVENTOR, IF ANY		
Given Name		Family Name
Inventor's Signature		Date

PATENT

RECORDED: 04/11/2016

REEL: 038403 FRAME: 0407