503785336 04/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANG-JEN WANG	03/27/2016
CHAO-KAI WEN	03/27/2016
JEN-YUAN HSU	03/25/2016
CHIU-PING WU	03/25/2016
YU-HAN KAO	03/25/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15085159

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NAME OF SUBMITTER:	NELSON A. QUINTERO	
SIGNATURE:	/Nelson A. Quintero/	
DATE SIGNED:	04/15/2016	

Total Attachments: 2

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> PATENT REEL: 038291 FRAME: 0632

ASSIGNMENT

WHEREAS. Chang-Jen WANG, Chao-Kai WEN, Jen-Yuan HSU, Chiu-Ping WU and Yu-Han KAO hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Tide: RECEIVER DEVICE	APPLIED TO MIMO SYSTEM AND CONTROL METHOD
USING THE SAME	
Filed: March 30, 2016	Serial No. <u>15/085,159</u>
Executed on: March 25, 20:	16 and March 27, 2016

WHEREAS, Industrial Technology Research Institute of 195 Chung Hsing Rd., Sec. 4, Chutung, Hsinchu, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignce, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

444, Jan WW6	727 2018.
Chang-Jen WANG	Date:
United War	3, 17, 204
Chao-Kai WEN	Date: \

PATENT REEL: 038291 FRAME: 0633

ASSIGNMENT

J Y Hs	2016.7.25
Jen-Yuan HSU	Date:
Cha Prof Wa	30 (b) 3 ° 5
Chiu-Ping WU	Date:
16-14- 140	<u> </u>
Yu-Han KAO	Date: