

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4600874

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES WESLEY MCCOY	09/18/2017
NIKHIL U. KUNDARGI	09/16/2017
KARL F. NIEMAN	09/16/2017
LOTHAR WENZEL	09/17/2017
MARCUS MONROE	09/18/2017
RECEIVING PARTY DATA	
Name:	NATIONAL INSTRUMENTS CORPORATION
Street Address:	11500 N. MOPAC EXPRESSWAY
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78759
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15708664
CORRESPONDENCE DATA	
Fax Number:	(719)623-0141
<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:	719-475-7103
Email:	PTOHLG@me.com
Correspondent Name:	HUFFMAN LAW GROUP, P.C.
Address Line 1:	7702 BARNES RD., STE. 140-46
Address Line 4:	COLORADO SPRINGS, COLORADO 80922
ATTORNEY DOCKET NUMBER:	NATI.016
NAME OF SUBMITTER:	TAYSIE J. LOCKE
SIGNATURE:	/Taysie J. Locke/
DATE SIGNED:	09/19/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE
ASSIGNEE**

TITLE OF INVENTION	MULTI-USER RANDOM ACCESS PROCEDURES FOR MASSIVE MIMO WIRELESS COMMUNICATION SYSTEMS
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This is a combined declaration and assignment by the inventor(s) named below to the assignee named below.

I. Declaration and Related Statements

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application; or

United States application or PCT International application number _____
filed on _____.

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 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.

II. Assignment

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on even date herewith;

AND WHEREAS, National Instruments Corporation together with any successors, legal representatives, or assigns thereof, with its principal office at 11500 N. MoPac Expressway, Austin, TX 78759, wants to acquire the entire right, title and interest in and to the said invention(s), and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to the said National Instruments Corporation, its successors and assigns, the entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted thereon, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I/we hereby authorize and request the Commissioner of Patents, and any officials of foreign countries whose duty it is to issue patents on applications, to issue all patents for said invention, or patents resulting therefrom, insofar as my interest in concerned, to the said National Instruments Corporation as assignee of my entire right, title and interest;

I ALSO HEREBY sell and assign to National Instruments Corporation, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any


other papers in connection therewith necessary to perfect such patent rights;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant that I will communicate to said National Instruments Corporation, or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of said National Instruments Corporation, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said National Instruments Corporation, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

III. Signatures

A. Inventors

Signature: 	Date: 9/18/2017
James Wesley McCoy	

Signature:	Date:
Nikhil U. Kundargi	

Signature:	Date:
Karl F. Nieman	

Signature:	Date:
Lothar Wenzel	

Signature:	Date:
Marcus Monroe	

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Signature: <u>Nikhil</u>	Date: 9/16/2017
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