

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5087620

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE REGENTS OF THE UNIVERSITY OF NEW MEXICO	08/03/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STC.UNM
<b>Street Address:</b>	101 BROADWAY BLVD. NE SUITE 1100
<b>City:</b>	ALBUQUERQUE
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87102
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15454827
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	5052727890
<b>Email:</b>	mdavis@stc.unm.edu
<b>Correspondent Name:</b>	MATTHEW DAVIS
<b>Address Line 1:</b>	101 BROADWAY BLVD. NE SUITE 1100
<b>Address Line 4:</b>	ALBUQUERQUE, NEW MEXICO 87102
<b>ATTORNEY DOCKET NUMBER:</b>	2017-010-01
<b>NAME OF SUBMITTER:</b>	MATTHEW DAVIS
<b>SIGNATURE:</b>	/Matthew Davis/
<b>DATE SIGNED:</b>	08/08/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
source=2017-010-01 Signed UNM to STC Assignment#page1.tif	
source=2017-010-01 Signed UNM to STC Assignment#page2.tif	

## INVENTION ASSIGNMENT FROM UNM TO STC.UNM

INVENTION ASSIGNMENT from the Regents of the University of New Mexico, an educational institution of the State of New Mexico, whose address is 1 University of New Mexico, MSC05-3440, Albuquerque, NM, 87131 (the "University") to STC.UNM, a nonprofit corporation formed by the University to commercialize technology developed at the University, whose address is 101 Broadway Blvd. NE, Suite 1100, Albuquerque, New Mexico 87102 ("STC.UNM").

WHEREAS, certain inventors (the "Inventors") while employed by or enrolled at the University, conceived and/or reduced to practice, and subsequently assigned to the University, one or more inventions which are described both in the disclosure described below and in other materials associated with the disclosure, including materials prepared after the date of such assignment to the University. The disclosure is identified as:

**UNM Docket Ref. Title**  
**No.**

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2017-010	Control System Backplane Monitoring with FPGA
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(both the disclosure and the associated materials are collectively referred to herein as the "Invention Disclosure");

WHEREAS, one or more patent application(s) either have been or may be filed in the future in the United States Patent and Trademark Office and other patent offices covering the invention or inventions described in the Invention Disclosure (collectively, the "Patent Application(s)"). Any such patent application(s) filed as of the date hereof are described below:

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Patent App. Serial No.	Country	Date of Filing	Title
15/454,827	U.S.	Mar 9, 2017	CONTROL SYSTEM BACKPLANE MONITORING WITH FPGA

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and

WHEREAS, STC.UNM, pursuant to an agreement between it and the University, has requested the University to assign its entire right, title, and interest in and to invention(s) and related technology assigned by the Inventors to the University.

NOW, THEREFORE, the University does hereby assign and transfer unto STC.UNM all its right, title, and interest in and to: (a) the invention(s) described in the Invention Disclosure and/or Patent Application(s); (b) any technical information, know-how, trade secret, process, procedure, composition, biological materials, device, method, formula, protocol, technique, software, design, tradename, trademark, copyright, copyrightable material, drawing or data which is related to the aforesaid invention(s) and/or that is included in the Invention Disclosure, whether or not covered by the Patent Application(s); (c) all rights of the University in the Patent Application(s) including but not limited to all divisions, Letters Patent, reissues, re-examinations, continuations, continuations-in-part, continuing patent applications, substitutions, renewals, extensions filed and all patent(s) issuing thereon in the United States and all foreign countries, including but not limited to the right to apply for Letters Patent, Utility Models, or Inventor Certificates or equivalents in foreign countries in the University's own name and to claim any priority rights for such foreign applications to which such applications are entitled under such countries' domestic laws, international conventions, treaties, or otherwise; and (d) to the extent the University owns the same under its policies and practices, all improvements to the invention(s) described in the Invention Disclosure and/or Patent Application(s) hereafter made or invented by any of the Inventors while employed by or enrolled at the University (all of the foregoing, (a), (b), (c), and (d) being collectively referred to hereafter as the "Invention"); and (e) the right to assert claims and bring lawsuits for any violation or infringement of any of the intellectual property rights assigned hereby, including all patents issuing on the Patent Application(s).

THE UNIVERSITY FURTHER ACKNOWLEDGES AND AGREES AS FOLLOWS:

1. For the purpose of enabling STC.UNM, its successors and assigns, to obtain, defend and enforce all United States and foreign intellectual property rights in the Invention, the University agrees to provide all reasonable and necessary assistance in requiring the Inventors to timely communicate all information, execute all documents, testify in all legal proceedings and take all such other actions necessary or desirable to accomplish such purpose.

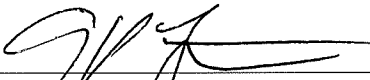
**PATENT**  
**REEL: 046581 FRAME: 0186**

2. The University authorizes the attorneys of record for the Patent Application(s) to insert in this Assignment where indicated above, or in an Addendum to be attached hereto, the filing date, country where filed, title and serial number of such Patent Application(s) filed hereafter as they become officially known.
3. The University authorizes and requests all domestic and foreign patent office officials to issue all patents, when granted, to STC.UNM, its successors and assigns.
4. The University represents that no assignment, sale, agreement or encumbrance has been or will be made or entered into by it which would conflict with this Assignment.
5. Notwithstanding this Assignment, the University reserves the right to use the Invention for internal research, development, and educational purposes.
6. To the extent the Invention has been developed under one or more funding agreements with the Government of the United States of America, the Government has certain rights as specified in 35 U.S.C. §§200 *et seq.*, including the right of the Government to practice the Invention, or have the Invention practiced, on its behalf. This Assignment is explicitly made subject to such Government rights.

For: The Regents of the University of New Mexico

8-3-2018  
Date

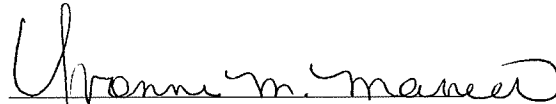
By:

  
\_\_\_\_\_  
Gabriel Lopez  
Title: Vice President for Research  
Office of Vice President for Research

STATE OF NEW MEXICO                    )  
  )    ss.  
COUNTY OF BERNALILLO                )

The foregoing instrument was acknowledged before me, this 3<sup>rd</sup> day of

August, 2018, by Gabriel Lopez.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

Seal:

7-14-2022