

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4644214

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
REDWAN ALQASEMI	07/14/2017
PAUL MITZLAFF	06/29/2017
ANDONI AGUIRREZABAL	07/11/2017
LEI WU	06/29/2017
KARL ROTHE	07/13/2017
RAJIV DUBEY	07/14/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF SOUTH FLORIDA
<b>Street Address:</b>	3802 SPECTRUM BLVD., SUITE 100
<b>City:</b>	TAMPA
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33612
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15626279
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
<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>	770-933-9500
<b>Email:</b>	mary.meegan@thomashorstemeyer.com
<b>Correspondent Name:</b>	THOMAS HORSTEMEYER
<b>Address Line 1:</b>	3200 WINDY HILL ROAD, SE
<b>Address Line 2:</b>	SUITE 1600E
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	292105-1320
<b>NAME OF SUBMITTER:</b>	DAVID R. RISLEY
<b>SIGNATURE:</b>	/DRR/
<b>DATE SIGNED:</b>	10/17/2017

**Total Attachments: 8**

source=Assignment-fully\_executedfinal#page1.tif

source=Assignment-fully\_executedfinal#page2.tif

source=Assignment-fully\_executedfinal#page3.tif

source=Assignment-fully\_executedfinal#page4.tif

source=Assignment-fully\_executedfinal#page5.tif

source=Assignment-fully\_executedfinal#page6.tif

source=Assignment-fully\_executedfinal#page7.tif

source=Assignment-fully\_executedfinal#page8.tif

**ASSIGNMENT  
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Redwan Alqasemi	30710 Nickerson Loop, Wesley Chapel, FL 33543
Paul Mitzlaff	20 Pinetree Court, Palm Harbor, FL 34683
Andoni Aguirrezabal	4209 La Dega Court, Tampa, FL 33613
Lei Wu	2203 Fitness Club Way #104, Tampa, FL 33612
Karl Rothe	1302 Avalon Drive, Rockledge, FL 32955
Rajiv Dubey	6507 Stonington Drive, Tampa, FL 33647

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**ROBOTIC END EFFECTORS FOR USE WITH ROBOTIC MANIPULATORS**

which was:

- ☐ executed on even date herewith,  
☒ filed with the United States Patent and Trademark Office (USPTO) on June 19, 2017, and assigned Serial No. 15/626,279, and  
☒ further described in U.S. Provisional application filed with the USPTO on June 21 2016, and assigned Serial No. 62/352,791.

*Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.*

WHEREAS, University of South Florida, having a place of business at 3802 Spectrum Blvd., Suite 100, Tampa, Florida 33612, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.


ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.


ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

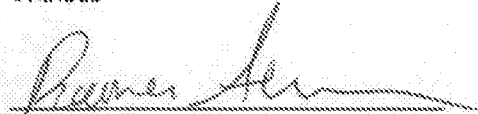
ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

  
Redwan Alqasemi

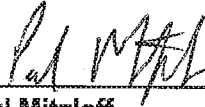
Date: 7/14/17

  
Witness

Date: 7/14/17

  
Witness

Date: 7/14/17



Paul Mitzlaff

Date: 6-29-2017



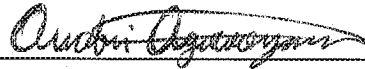
Witness

Date: 6-29-2017



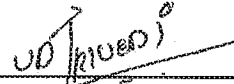
Witness

Date: 6-29-2017



Andoni Aguirrezabal

Date: 7/11/2017



Witness

Date: 7/11/2017



Witness

Date: 7/11/2017

Lei Wu

Lei Wu

Date: 6/29/2017

[Signature]

Witness

Date: 6/29/2017

[Signature]

Witness

Date: 6/29/2017



Karl Rothe

Karl Rothe

Date: 07/13/2017

Ryan Ogien

Witness

Date: 7/13/2017


Kaitlin Lestrosio

Witness

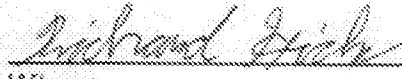
Date: 7/13/2017

  
\_\_\_\_\_  
Rajiv Dubey

Date: 7/14/17

  
\_\_\_\_\_  
Witness

Date: 7/14/17

  
\_\_\_\_\_  
Witness

Date: 7/14/17