

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

EPAS ID: PAT5205433

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH M. SCHIMMELS	10/11/2018
ANDREW BERNHARD	10/12/2018
JACOB RICE	10/12/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MARQUETTE UNIVERSITY
<b>Street Address:</b>	PO BOX 1881
<b>City:</b>	MILWAUKEE
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53201
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16092661
<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>Email:</b>	claires@andruslaw.com
<b>Correspondent Name:</b>	BENJAMIN R. IMHOFF
<b>Address Line 1:</b>	100 EAST WISCONSIN AVENUE
<b>Address Line 2:</b>	SUITE 1100
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	5528-00183
<b>NAME OF SUBMITTER:</b>	BENJAMIN R. IMHOFF
<b>SIGNATURE:</b>	/Benjamin R. Imhoff/
<b>DATE SIGNED:</b>	10/25/2018
<b>Total Attachments: 4</b>	
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source=2018-10-12_5528-00183_Executed Assignment#page4.tif	

**ASSIGNMENT**

WHEREAS,

**Joseph M. Schimmels**  
1515 West Wisconsin Avenue  
Milwaukee, WI 53233

**Andrew Bernhard**  
c/o Marquette University  
PO Box 1881  
Milwaukee, WI 53201-1881

**Jacob Rice**  
c/o Marquette University  
PO Box 1881  
Milwaukee, WI 53201-1881

(hereinafter referred to as "Assignors") have invented certain new and useful improvements entitled:

**VARIABLE STIFFNESS SERIES ELASTIC ACTUATOR**

(hereinafter referred to as "Invention") for which the following applications for Invention have been filed:

<b>Docket No.</b>	<b>Country</b>	<b>Application No.</b>	<b>Filing Date</b>
5528-00116	US Provisional	62/322,550	2016-04-14
5528-00130	PCT	PCT/US2017/027575	2017-04-14
5528-00179	Canada		
5528-00180	China		
5528-00181	Europe		
5528-00182	Japan		
5528-00183	US Utility	16/092,661	2018-10-10

AND WHEREAS

**Marquette University**  
PO Box 1881  
Milwaukee, WI 53201-1881

(hereinafter referred to as "Assignee") is desirous of acquiring an interest therein and in the Letters Patent obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that for good and valuable consideration Assignors do hereby sell, assign, and transfer to Assignee, and to its legal representatives, successors, and assigns, its entire right, title, and interest in and to the Invention and to all United States, international, and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications

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5528-00182	Japan		
5528-00183	US Utility	16/092,661	2018-10-10

claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as it would have been held by Assignors had this assignment and sale not been made.

Assignors agree, upon Assignee's request, to execute or assent to such United States, international, and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. Assignors also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so.

Assignors understand and agree that the attorneys and agents of the law firm of Andrus Intellectual Property Law, LLP do not personally represent Assignors or Assignors' legal interests, but instead represent the interests of Assignee. Because said attorneys and agents cannot provide legal advice to Assignors with respect to this Assignment, Assignors acknowledge their right to seek their own independent legal counsel.

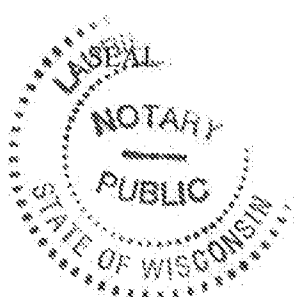
Assignors hereby request the Commissioner of Patents to issue to Assignee, as the owner of Assignors' entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: *[Signature]* Date: 10/11/18

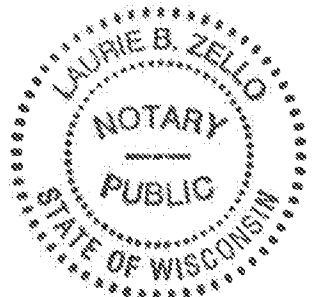
Name typed or printed: Joseph M. Schimmels

State of Wisconsin  
County of Douglas ss.

On this 11 day of October, 2018 before me personally appeared said Joseph M. Schimmels, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.



*[Signature]*  
Notary Public  
My Commission Expires: Aug 14, 2021



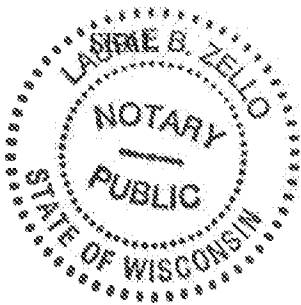
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5528-00180	China		
5528-00181	Europe		
5528-00182	Japan		
5528-00183	US Utility	16/092,661	2018-10-10

Inventor: Andrew Bernhard Date: 10/12/18

Name typed or printed: Andrew Bernhard

State of Wisconsin )  
County of Douglas ) ss.

On this 12th day of October, 2018, before me personally appeared said Andrew Bernhard, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Laurie B. Zello  
Notary Public  
My Commission Expires: Aug 14, 2021

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5528-00116	US Provisional	62/322,550	2016-04-14
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5528-00180	China		
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5528-00182	Japan		
5528-00183	US Utility	16/092,661	2018-10-10

Inventor: Jacob J. Rice

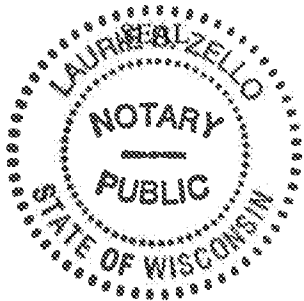
Date: 10/12/2018

Name typed or printed: Jacob Rice

State of WI )

County of Milwaukee ) ss.

On this 12<sup>th</sup> day of October, 2018, before me personally appeared said Jacob Rice, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Laurence J. Zello  
 Notary Public  
 My Commissioner Expires: Aug 14, 2021