

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5778707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEYED M. MIRVAKILI	03/14/2018
IAN W. HUNTER	03/19/2018
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16483881
CORRESPONDENCE DATA	
Fax Number:	(617)443-0004
<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:	6174439292
Email:	kwhitehouse@sunsteinlaw.com
Correspondent Name:	KATHRYN E. NOLL
Address Line 1:	125 SUMMER STREET
Address Line 2:	SUNSTEIN KANN MURPHY & TIMBERS LLP
Address Line 4:	BOSTON, MASSACHUSETTS 02110-1618
ATTORNEY DOCKET NUMBER:	1118/A70
NAME OF SUBMITTER:	KATHRYN E. NOLL
SIGNATURE:	/Kathryn E. Noll, #48,811/
DATE SIGNED:	10/21/2019
Total Attachments: 4	
source=klw1118_A70WO_Assignment#page1.tif	
source=klw1118_A70WO_Assignment#page2.tif	
source=klw1118_A70WO_Assignment#page3.tif	
source=klw1118_A70WO_Assignment#page4.tif	

ASSIGNMENT

ASSIGNOR(S): Seyed M. Mirvakili
Ian W. Hunter

ASSIGNEE: Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139

INVENTION: Fast Torsional Artificial Muscles from Twisted Yarns of Shape
Memory Material

ATTORNEY DOCKET: 1118/A70WO

INTERNATIONAL
APPLICATION NO.: PCT/US18/22087

INTERNATIONAL
FILING DATE: March 13, 2018

Assignor is a joint inventor of a certain new and useful invention (the "Invention") described in a patent application (the "Application") filed under the Patent Cooperation Treaty bearing the above attorney docket number and the above international application number and having as a title the above name for the Invention.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications; and Assignee accepts that assignment.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues, extensions, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all

countries and to vest title thereto in Assignee.

Each Assignor hereby authorizes and requests Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

By executing this Assignment, Assignee accepts the assignment set forth above.

Each Assignor and Assignee agree that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original signature or a copy thereof transmitted by facsimile or by PDF shall constitute an original signature for purposes of this instrument.

* * * * *

[Signature pages follow]

IN WITNESS WHEREOF, each Assignor and Assignee hereby execute this instrument on the date set forth below opposite such Assignor's signatures.

ASSIGNOR(S):

Date: 14 March 2018


Seyed M. Mirvakili, Assignor

I affirm that I did witness the above-named individual sign this document in my presence.

Date: 14 March 2018

Witness Signature: Joshi

Witness Printed Name: Shibani Joshi

Date: 03/19/2018


Ian W. Hunter, Assignor

I affirm that I did witness the above-named individual sign this document in my presence.

Date: 03/19/2018

Witness Signature: Joshi

Witness Printed Name: Shibani Joshi

01118/A70WO 2888627.1

ASSIGNEE:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By: Lesley Miller-Nicholson Date: 3/16/18
Signature

Print Name: _____

Address: Lesley Miller-Nicholson
Director
Technology Licensing Office

Title: _____

I affirm that I did witness the above-named individual sign this document in my presence.

Date: 03/16/18

Witness Signature: Andy Lozano

Witness Printed Name: Andy Lozano