

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Total Attachments: 3	
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ASSIGNMENT OF PATENT RIGHTS

By his employment and for other good and valuable consideration, the receipt of which is hereby acknowledged, Jayant Sirohi, an individual residing at 446 Ridge Road, #7, Greenbelt, MD 20770, USA (“**Assignor**”), does hereby sell, assign, transfer, and convey unto University of Maryland, College Park, State College of the State of Maryland, having its principal office at 0133 Cole Student Activities Bldg., College Park, Maryland 20742, U.S.A (“**Assignee**”), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the “**Patent Rights**”):

(a) the patent applications and patent listed in the table below (the “**Patent**”);

Patent or Application No.	Country	Issue Date	<u>Title of Patent and First Named Inventor</u>
7,837,144	US	23 November 2010	FLUID-DRIVEN ARTIFICIAL MUSCLES AS MECHANISMS FOR CONTROLLED ACTUATION Curt S. Kothera

(b) all patents and patent applications (i) to which the Patent directly or indirectly claims priority, (ii) for which the Patent directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that directly or indirectly incorporate by reference, or were incorporated by reference into, the Patent;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (c) and all other rights arising out of such inventions, invention disclosures, and discoveries;

(e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(f) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, the Patent and/or any item in any of the foregoing categories (b) through (e), including, without limitation, all causes of action and other enforcement rights for

- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind

for past, current, and future infringement; and

- (g) all rights to collect royalties and other payments under or on account of the Patent and/or any item in any of the foregoing categories (a) through (f).

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into the Letter Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignee shall be solely responsible for all actions and all costs whatsoever, including attorney's fees, arising after the date of this Agreement and associated with the obtaining, perfecting, sustaining, and/or enforcing the Patent Rights, and Assignor shall have no obligation to pay any fees or costs in relation thereto. Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. Assignee will reimburse Assignor any direct expenses properly and reasonably incurred in pursuance of this provision.

Nothing herein shall be construed as (i) a warranty or representation by Assignor as to the validity or scope of any Patent Rights, (ii) a warranty or representation that anything made, used, imported, developed, promoted, offered for sale, sold, or otherwise disposed of under the Patent Rights does not or will not infringe patents, trade secrets or other proprietary rights of third

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE RIGHTS.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at UT AUSTIN on 7/22/15.

ASSIGNOR:

By: Jayant Sirohi
Jayant Sirohi, Signature MUST be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Jayant Sirohi. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

1. Jayant Sirohi is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on July 22, 2015 to execute the above Assignment of Patent Rights on his own behalf.
2. Jayant Sirohi subscribed to the above Assignment of Patent Rights on his own behalf.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on July 22, 2015 (date)

Curt Kottler

Print Name: CURT KOTTLER