

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Samuel C. Ugbolue	11/12/2010
Yong K. Kim	11/12/2010
Steven B. Warner	11/12/2010
Qinguo Fan	11/12/2010
Chen-Lu Yang	11/12/2010
Olena Kyzymchuk	11/11/2010
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12665166
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<b>NAME OF SUBMITTER:</b>	Rodney D. DeKruif

**CH \$40.00 12665166**

Total Attachments: 4

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PATENT

Attorney Docket No: 10065  
For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  U.S. Patent  
By:  Inventor(s) or  Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Samuel C. Ugbole ("ASSIGNOR")  
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*(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)*

Recorded on \_\_\_\_\_  
Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

University of Massachusetts ("ASSIGNEE")  
225 Franklin Street  
Boston, MA 02110  
United States of America  
(Address)  
A Massachusetts University  
(entity type)

and the successors, assigns and legal representatives of the ASSIGNEE  
*(complete one of the following)*

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest  
for the United States and its territorial possessions

*(check the following box if foreign rights are also to be assigned)*

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**AUXETIC FABRIC STRUCTURES AND  
RELATED FABRICATION METHODS**

*(check and complete (a), (b), (c) or (d))*

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.  
(c)  U.S. application serial no. 12/665,166 filed on December 17, 2009.  
(d)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(also check (e) if foreign application(s) is also being assigned)*

(e)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

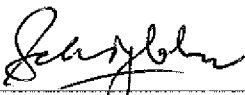
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and

said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.


IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

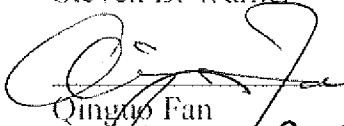
*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*


Signature of ASSIGNOR(S)

  
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Samuel C. Ugbolue (Date) 11/12/10

  
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Yong K. Kim (Date) 11/12/10

  
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Steven B. Warner (Date) 12 Nov. 2010

  
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Qingtao Fan (Date) Nov. 12, 2010

  
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Chen-Lu Yang (Date) 11/12/2010

  
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Olena Kyzymchuk (Date) 11.11.10

  
EXP. 11/26/2010