### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Treena Arinzeh	04/20/2012
George Collins	03/21/2012
Plyush Modak	03/21/2012
Ling-Fang Tseng	02/20/2012

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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13097657

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NAME OF SUBMITTER: Basam E. Nabulsi PATENT

501896458 REEL: 028087 FRAME: 0338

13097657

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Total Attachments: 4
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For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Treena Arinzeh, 81 Oak Ave, West Orange, NJ, 07052-2409
George Collins, 11 Ohio Street, Maplewood, NJ, 07040-3512
Piyush Modak, 739 Harrison Ave., Apt. 10, Harrison, NJ, 07029
Ling-Fang Tseng, 241 Lafayette Rd., Apt. 428, NY, Syracuse, NY, 13205

(hereinafter, "ASSIGNOR"), who have created a certain invention entitled:

Cartilage Repair Systems and Applications Utilizing A Glycosaminoglycan Mimic

for which NPV - NonProvisional Patent Application, Application No. <u>13/097,657</u> has been filed with the United States Patent and Trademark Office on: <u>04/29/2011</u>

Do hereby sell, assign and transfer to NEW JERSEY INSTITUTE OF TECHNOLOGY, a New Jersey public research university having its principal office at 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, New Jersey, 07102-1982 (hereinafter, "ASSIGNEE"), its successors, assigns and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, union, agreements, acts, and treaties; I/we authorize ASSIGNEE to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said ASSIGNEE, but without charge to ASSIGNEE, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-inpart, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said ASSIGNEE, its successors and assigns, and legal representatives all facts known to the undersigned relating to said invention and the applications for patents on said invention in said ASSIGNEE, its successors, assigns and legal representatives; and Covenant with said ASSIGNEE, its\_successors, assigns\_and\_legal\_representatives\_that\_no\_assignment. grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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IN TESTIMONY WHEREOF, I/we have nereunto set our signature(s) below.		
(please use BLUE ink)  Treena L. Arinzen	4/20/2012 Date	
Milek.	3/21/2012	
George Collins	Date 3 21 20 2	
Piyush . Modak	, Date	
Ling-Fang . Tseng	Date	

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(please use BLUE ink)	ır signature(s) below.
Treena L. Arinzeh	Date
George Collins	Date
Piyush . Modak	Date
Loy Dy	2/20/20/2
Ling-Fang Tseng	Date

PATENT REEL: 028087 FRAME: 0343

**RECORDED: 04/23/2012**