

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSIP SIMUNOVIC	12/04/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13120615
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<b>SIGNATURE:</b>	/Benjamin A. Tramm/
<b>DATE SIGNED:</b>	12/11/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, I, Josip Simunovic of 4524 Connell Drive, Raleigh, North Carolina 27612 (hereinafter "Assignor"), have invented certain new and useful improvements in the following two (2) inventions: 1) ELECTROMAGNETIC SYSTEM; and 2) METHOD FOR PROCESSING BIOMATERIALS (hereinafter "Inventions"), for which patent applications have been filed and/or patents have issued, for both Inventions, as set forth in **Exhibit A** (hereinafter individually referred to as "Applications" or "Patents", or collectively referred to as "Applications and Patents");

AND, WHEREAS, North Carolina State University, a non-profit organization having a principal office located at 1021 Main Campus Drive, Campus Box 8210, Raleigh, North Carolina 27695-8210 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, his entire right, title and interest in and to the Inventions, and in and to any and all United States patent applications or foreign patent applications pertaining to said Inventions including but not limited to the Applications set forth in **Exhibit A**, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, including but not limited to the Patents set forth in **Exhibit A**, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. It is expressly agreed by Assignor and Assignee that this Assignment fully conveys and

transfers from Assignor to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignor hereby requests that said Letters Patent be issued in accordance with this Assignment.


Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses the unencumbered right and authority to make this Assignment.

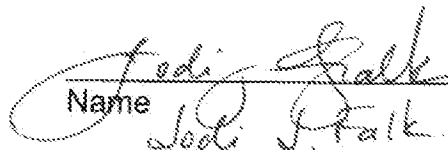
Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Inventions, to testify in any interference or legal proceedings involving the Applications, Patents, or Inventions, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Inventions in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 4<sup>TH</sup> day of DECEMBER 2015.

  
\_\_\_\_\_  
Josip Simunovic

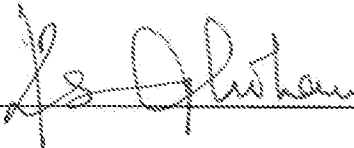
Witnessed by:

  
\_\_\_\_\_  
Name KULTRARAN CHOHAN Date 12/4/15

  
\_\_\_\_\_  
Name Lodi J. Falk Date 12-4-15

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NORTH CAROLINA STATE UNIVERSITY


By: 

Printed Name: Kultaran Chohan, Ph.D., LL.M.  
Associate Director  
Office of Technology Transfer

Title: \_\_\_\_\_

Witnessed by:

 12-4-15  
Name Joel D. Falk, Date

 12-4-15  
Name JOSIP SIMUNOVIC Date

**EXHIBIT A**

- (1) PCT International Patent Application No. PCT/US2009/057603, filed September 20, 2009; entitled ELECTROMAGNETIC SYSTEM
- (2) European Patent Application No. 09818234.8, date of regional phase entry, April 21, 2011; now European Patent No. 2343994, granted November 5, 2014, and all national validations thereof, including Germany, France, Great Britain, Poland, Spain, Croatia, and Hungary; entitled ELECTROMAGNETIC SYSTEM
- (3) Canadian Patent Application No. 2762654, date of national phase entry, July 8, 2011; entitled ELECTROMAGNETIC SYSTEM
- (4) U.S. Patent Application No. 13/120,615 filed March 23, 2011; entitled ELECTROMAGNETIC SYSTEM
- (5) U.S. Patent Application No. 12/565,580, filed September 23, 2009, now U.S. Patent No. 8,337,920, issued December 25, 2012; entitled METHOD FOR PROCESSING BIOMATERIALS
- (6) U.S. Patent Application No. 13/689,821, filed November 30, 2012, now U.S. Patent No.8,574,651, issued November 5, 2013; entitled METHOD FOR PROCESSING BIOMATERIALS
- (7) U.S. Patent Application No. 14/042,825, filed October 1, 2013; entitled METHOD FOR PROCESSING BIOMATERIALS