502996985 09/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SARIT B. BHADURI	08/29/2014
HUAN ZHOU	08/15/2014
ANAND K. AGARWAL	09/26/2014
VIJAY K. GOEL	08/18/2014

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF TOLEDO
Street Address:	2801 W. BANCROFT STREET
City:	TOLEDO
State/Country:	OHIO
Postal Code:	43606

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14375927

CORRESPONDENCE DATA

Fax Number: (419)255-9639

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.

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Correspondent Name: MACMILLAN, SOBANSKI & TODD, LLC

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Address Line 4: TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER:	1-53682/D2012-10
NAME OF SUBMITTER:	CATHERINE B. MARTINEAU
SIGNATURE:	/Catherine B. Martineau/
DATE SIGNED:	09/29/2014

Total Attachments: 5

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> PATENT REEL: 033843 FRAME: 0658

WHEREAS the undersigned inventor(s),

Sarit B. Bhaduri, of 9102 Rolling Hill Road, Holland, Ohio 43528,

Huan Zhou, of Yifu Science Building 714, Changzhou University, Gehu Road NC.1, Changzhou, Jiang Su, China, 213164,

Anand K. Agarwal, of 2420 Hempstead Road, Ottawa Hills, Ohio 43606, and

Vijay K. Goel, of 20 Tremore Way, Holland, Ohio 43528,

have made certain inventions in a

INJECTABLE, BIODEGRADABLE BONE CEMENTS AND METHODS OF MAKING AND USING SAME,

filed as *United States Serial No. 14/375,927*, filed *July 31, 2014*, which claims priority from *PCT/US2013/024040* filed *January 31, 2013*, which claims priority from *United States Serial No. 61/593,094*, filed *January 31, 2012*, and *United States Serial No. 61/697,059*, filed *September 5, 2012*, and,

WHEREAS, *The University of Toledo*, of *2801 W. Bancroft Street, Toledo, Ohio*, *43606* organized and operating in the State of Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by the inventors, (all collectively hereinafter termed the "invention"), and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I / we have sold, assigned, and transferred, and by these presents do-hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I / we further covenant and agree that I / we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I / we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and each and every reissue, reexamination, or extensions of any of said Patent(s) that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And I / we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the

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I/We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

8/29/2014	Ehudr
Date	Sarit B. Bhaduri
WITNESSED BY:	
A Marish Kemar	
Printed Name: MANISH KUHAK	;
Date: 8 29 2014	.,,,,,,,,, ,
WITNESSED BY: 8/29/2014 Coie	
Printed Name: SORN COC	- Shri-
Date:	
	NEW WATER CONTRACT CO
Date	Huan Zhou
WITNESSED BY:	
Printed Name:	
Date:	
WITNESSED BY:	······································
Printed Name:	
Data	

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Date	Sarit B. Bhaduri
WITNESSED BY:	
Printed Name:	
Date:	
WITNESSED BY:	
Printed Name:	
Date:	
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8/15/14	2h-h-
Date	Huan Zhou
WINESSED BY:	
Printed Name: Jing Iing Li	
Date:8115/14	
WITNESSED BY:	
Printed Name: Milyzhi Luo	
Date: 815/14	<u> </u>

1/We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such

Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns. WITNESSED BY: 2 Mars Lum Printed Name: MANOT KODIAUDU Date: 09/26/14 WITNESSED BY: Printed Name: ABHISHELL SANGAL Date: 9/26/2014 Date Vijay K. Goel WITNESSED BY: Printed Name: WITNESSED BY: Printed Name:

Page 3 of 3

Date:

I/We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

Date	Anand K. Agarwal
WITNESSED BY:	
Printed Name:	
Date:	
WITNESSED BY:	
Printed Name:	
Date:	
Aug 18, 2014	Vijay Goel
Date	Vijay Goel Vijay K. Goel
WITNESSED BY:	
Printed Name:	
Date:	
WITNESSED BY:	
Printed Name:	
Date:	

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