

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2804970

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	ISABELLE DENRY	02/06/2014	
	JULIE HOLLOWAY	02/06/2014	
RECEIVING PARTY DATA			
Name:	UNIVERSITY OF IOWA RESEARCH FOUNDATION		
Street Address:	112 N CAPITOL STREET		
Internal Address:	6 GILMORE HALL		
City:	IOWA CITY		
State/Country:	IOWA		
Postal Code:	52242		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14075754	
CORRESPONDENCE DATA			
Fax Number:			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Email:	request@slwip.com		
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.		
Address Line 1:	P.O. BOX 2938		
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402		
ATTORNEY DOCKET NUMBER:	875.147US1		
NAME OF SUBMITTER:	KRISTINA RICHMOND		
SIGNATURE:	/Kristina Richmond/		
DATE SIGNED:	04/08/2014		
	This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 5			
source=875147us1 Assignment#page1.tif			
source=875147us1 Assignment#page2.tif			
source=875147us1 Assignment#page3.tif			
source=875147us1 Assignment#page4.tif			

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 875.147US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Isabelle Denry, Julie Holloway

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: February 6, 2014, February 6, 2014

2. Name and address of receiving party(ies):

Name: University of Iowa Research Foundation

Street Address: 112 N Capitol Street
6 Gilmore Hall

City: Iowa City State: IA Zip: 52242-5500

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 14/075,754

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Warren D. Woessner

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Warren D. Woessner/Reg. No. 30,440

Name of Person Signing

Warren D. Woessner

Signature

March 17, 2014

Date

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 032627 FRAME: 0060

ASSIGNMENT

WHEREAS, Isabelle Denry and Julie Holloway (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on November 8, 2013, which application was assigned US patent application serial number 14/075,754, and which is titled FLUORAPATITE GLASS-CERAMICS; which are described in a patent application filed on November 13, 2012, which application was assigned US application serial number 61/725,536, and which is titled FLUORAPATITE GLASS-CERAMICS.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to University of Iowa Research Foundation (the "Assignee"), a corporation of the State of Iowa, having a place of business at 112 N Capitol Street, 6 Gilmore Hall, Iowa City, IA 52242-5500, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any

information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the invention;

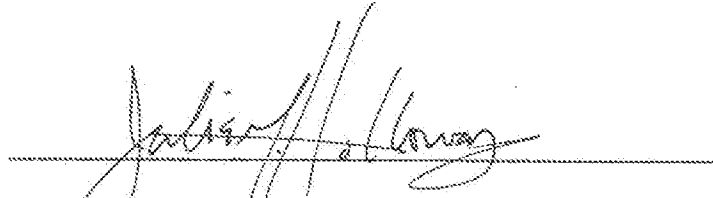
COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:

(Signature):



Name: Julie Holloway

City/State: Iowa City, IA

Date:

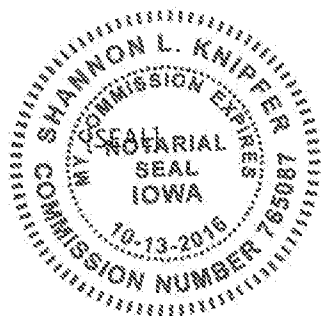
2/6/2014

STATE OF Iowa

)ss

COUNTY OF Johnson

On this 6TH day of February, 2014 before me personally appeared Julie Holloway, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

Assignor:

(Signature):

Isabelle Denry

Name: Isabelle Denry

City/State: Iowa City, IA

Date:

2/6/2014

STATE OF

Iowa

)ss

COUNTY OF

Johnson

On this 6TH day of February, 20 14 before me personally appeared Isabelle Denry, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



[Signature]

Notary Public