507475749 09/06/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM S. CHARLTON	08/11/2022
DONALD D. NOLTING	08/12/2022
ADAM J. SAMIA	08/10/2022
JOSEPH LAPKA	08/12/2022

RECEIVING PARTY DATA

Name:	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
Street Address:	210 W. 7TH STREET
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 5

Property Type	Number	
Application Number:	63128609	
Application Number:	63278979	
Application Number:	63288890	
Application Number:	17555839	
PCT Number:	US2021064306	

CORRESPONDENCE DATA

Fax Number:

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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ATTORNEY DOCKET NUMBER:	093331-1287486 & 1287487
NAME OF SUBMITTER:	PHOEBE YOUNG
SIGNATURE:	/Phoebe Young/

PATENT 507475749 REEL: 060997 FRAME: 0413

DATE SIGNED:	09/06/2022	
Total Attachments: 6		
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(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in the following utility (provisional, non-provisional and PCT) patent applications, entitled

"PRODUCTION OF LU-177 AND OTHER RADIONUCLIDES VIA HOT ATOM CAPTURE ON NANOSTRUCTURED CARBON."

filed with the U.S. Patent & Trademark Office on December 21, 2020 and assigned application no. 63/128,609;

filed with the U.S. Patent & Trademark Office on November 12, 2021 and assigned application no. 63/278,979;

filed with the U.S. Patent & Trademark Office on December 13, 2021 and assigned application no. 63/288,890; and

filed with the U.S. Patent & Trademark Office on December 20, 2021 and assigned application nos. 17/555,839 and PCT/US2021/064306.

For other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Board of Regents, The University of Texas System, having a principal place of business at 210 W. 7th Street, Austin, TX 78701 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes,

Application Nos. 17/555,839 & PCT/US2021/064306

Attorney Docket Nos. 093331-1287486 & 093331-1287487 (7677 CHA)

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extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S.
 agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting
 from the intellectual property, patent application(s) and patents described in paragraph 1 of
 this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us [me], as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside our signatures.

Signature:		Date:	
	William S. Charlton		
Signature:		Date:	
	Donald D. Nolting		
Signature:	Signed Official Control of Contro	Date:	8/10/2022
	Adam J. Samia		

75504195V.1

(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in the following utility (provisional, non-provisional and PCT) patent applications, entitled

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 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes,

Application Nos. 17/555,839 & PCT/US2021/064306

Attorney Docket Nos. 093331-1287486 & 093331-1287487 (7677 CHA)

Page 2 of 3

extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us [me], as well as our heirs, legal representatives, and assigns.
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Signed on the dates indicated beside our signatures.

Application Nos. 17/555,839 & PCT/US2021/064306

Attorney Docket Nos. 093331-1287486 & 093331-1287487 (7677 CHA)

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Signature:

Joseph Lapka

Date

8/12/2022

75504195V.1

RECORDED: 09/06/2022