504777733 02/14/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4824462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINOD BHARADWAJ	12/08/2016
VALERY A. DOLGASHEV	12/07/2016
REBECCA FAHRIG	01/17/2018
BILLY WISEMAN LOO	03/29/2017
PETER G. MAXIM	12/07/2016
SAMI TANTAWI	02/12/2018
CECILE LIMBORG	05/08/2017
LUDOVIC NICOLAS	12/12/2016

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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Postal Code:	94305

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15896407

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER: 079445-000221US-1072064

PATENT 504777733 REEL: 044928 FRAME: 0524

NAME OF SUBMITTER:	LISA WEAVER
SIGNATURE:	/Lisa Weaver/
DATE SIGNED:	02/14/2018
Total Attachments: 9	
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PATENT REEL: 044928 FRAME: 0525

ASSIGNMENT

(Patent Application)

I, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or patent application entitled

"METHODS AND SYSTEMS FOR BEAM INTENSITY-MODULATION TO FACILITATE RAPID RADIATION THERAPIES,"

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above and Application No. 15/068,387, filed on March 11, 2016.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to The Board of Trustees of the Leland Stanford Junior University, having a principal place of business at the Office of Technology Licensing, 3000 El Camino Real, Building Five, Third Floor, Palo Alto, California ("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, the right to claim priority to the above-referenced patent application, 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) 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, 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

PATENT REEL: 044928 FRAME: 0526

- (d) 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 me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the date indicated beside my signature.

Signature:	UrBharadway	Date: December 8, 2016
	VINOD BHARADWAJ	
Signature:		Date:
	VALERY A. DOLGASHEV	
Signature:		Date:
	REBECCA FAHRIG	
Signature: _		Date:
	BILLY WISEMAN LOO	

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Signed on the date indicated beside my signature.

Signature:		Date:
	VINOD BHARADWAJ	
Signature: _	VALERY A. DOLGASHEV	Date: 12-7-201
Signature: _	REBECCA FAHRIG	Date:
Signature: _	BILLY WISEMAN LOO	Date:

Signed on the date indicated beside my signature.

BILLY WISEMAN LOO

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Signed on the date indicated beside my signature.

Signature:		Date:
-	VINOD BHARADWAJ	
Signature:		Date:
	VALERY A. DOLGASHEV	
Cionotara		Date:
Signature:	REBECCA FAHRIG	Date.
Signature:	< Ah	Date: 3/29/17
•	BILLY WISEMAN LOO	

Signature:	Pete Mox	Date: 12-7-16
Signature:	PETER G. MAXIM	Date:
	SAMI TANTAWI	Date:
	CECILE LIMBORG	Date:
	LUDOVIC NICOLAS	17410.

Signature:PETER	G. MAXIM	Date:	
Signature: <u>SQ</u> /	CANTAWI	Date: 2/12,	12018
Signature:CECILI	E LIMBORG	Date:	
Signature:LUDO\	/IC NICOLAS	Date:	Manager and the State of State

Signature:		Date:
-	PETER G. MAXIM	
Signature: _		Date:
0 -	SAMI TANTAWI	
Signature: _	C. 4 mbors	May 08-2017 Date:
-	CECILE LIMBORG	
Signature: _		Date:
_	LUDOVIC NICOLAS	· · · · · · · · · · · · · · · · · · ·

Signature:		Date:
<i>U</i> , .	PETER G. MAXIM	
Signature:	CAMITANTAWI	Date:
	SAMI TANTAWI	
Signature:		Date:
	CECILE LIMBORG	
Signature:	des.	Date: <u>১৮</u> ০েশকুর ১১ ১১৫
	LUDOVIC NICOLAS	