504678192 12/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARUNYA K. KANDIMALLA	12/06/2017

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14487928

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ATTORNEY DOCKET NUMBER:	600.919US1	
NAME OF SUBMITTER:	COLE M. EHLERS	
SIGNATURE:	/Cole M. Ehlers/	
DATE SIGNED:	12/08/2017	

Total Attachments: 4

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PATENT 504678192 REEL: 044337 FRAME: 0964

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 600.919US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Regents of the University of Minnesota Karunya K. Kandimalla Street Address: Suite 600 McNamara Alumni Ctr. 200 Oak Street SE Additional name(s) of conveying party(ies) attached? []Yes [X]No City: Minneapolis State: MN Zip: 55455 Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: December 6, 2017 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. 14/487,928 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Monique M. Perdok [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over Minneapolis, Minnesota 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 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. December 8, 2017 Monique M. Perdok/Reg. Name of Person Signing

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

Total number of pages including cover sheet: 4



University of Minnesota <u>ASSIGNMENT</u>

WHEREAS, I, Karunya K. Kandimalla, have invented certain new and useful improvements in NANOPARTICLES/THERANOSTIC VEHICLES, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Utility application no. 14/487,928 on September 16, 2014 (the "Application(s)");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including my rights under the Paris Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of the provisions of the Paris Convention.

Attorney Docket Number: 00600.919US1

UM Case No. 20130341

PATENT

REEL: 044337 FRAME: 0966

Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have he	ereunto set my hand on this day of
<u>DECEMBER</u> , 2017.	
	Karunya K. Kandimalla
STATE OF Minnesofa)	
COUNTY OF HERREPA	
Karunya K. Kandimalla, to me known to	2017, before me personally appeared be the person described in and who executed the s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have I my office, the day and year above written.	nereunto affixed my official signature with the seal of
	Renta Gild
	Notary Public



Attorney Docket Number: 00600.919US1

UM Case No. 20130341

IN WITNESS WHEREOF, I have hereunto set my hand on this day of, 2017 on behalf of Assignce Regents of the University of Minnesota accepting this assignment.
Paul B. Savereide Senior Associate General Counsel per Presidential Delegation DA_028016
STATE OF MINNESOTA COUNTY OF HENNEPIN On this
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.
Notary Public RESA M. GILATS

PESA M. GILATS
Notary Public-Minnesota
My Commission Expires Jan 31, 2021

Attorney Docket Number: 00600,919US1

UM Case No. 20130341