# 503871469 06/15/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3918118

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
MANZOOR KOYAKU	TTY		06/10/2016	
PARWATHY CHANDRAN			06/10/2016	
ARCHANA P.R.			06/11/2016	
SHANTIKUMAR NAIR			06/13/2016	
RECEIVING PARTY I	ΟΑΤΑ			
Name:	AMRIT	AMRITA VISHWA VIDYAPEETHAM		
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State/Country:	INDIA	INDIA		
Postal Code:	682041	682041		
Property Typ	e l	Number		
Property Typ Application Number		14465521		
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Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, Email: Correspondent Name Address Line 1: Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	E DATA I be sent to if provided e: NUMBER: R: 1465521_1; 1465521_1;	14465521 <b>b</b> the e-mail address first; if that if that is unsuccessful, it will paralegal.maxval@maxval.com CONVERGENCE IP LAW P.C. 2251 GRANT RD. SUITE G LOS ALTOS, CALIFORNIA 9402 AIMS-002400US ANEESH /ANEESH/ 06/15/2016 #page1.tif #page2.tif	be sent via US Mail.	

#### Assignment of CORE-SHELL PARTICLE FORMULATION FOR DELIVERING MULTIPLE THERAPEUTIC AGENTS By Manzoor Koyakutty, Parwathy Chandran, Archana P.R. and Shantikumar Nair to AMRITA VISHWA VIDYAPEETHAM.

### ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

CORE-SHELL PARTICLE FORMULATION FOR DELIVERING MULTIPLE THERAPEUTIC AGENTS

for which I have executed a U.S. patent application on even date herewith; and/or

 $\boxtimes$  which bears U.S. application serial No. <u>14/465,521</u>, filed <u>August 21, 2014</u>.

☐ for which I have executed a patent application in the country of \_\_\_\_\_\_ on even date herewith.

which I have executed a U.S. provisional application on even date herewith.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

(a) Sell, assign and transfer to AMRITA VISHWA VIDYAPEETHAM having a place of business at Center for Nanosciences and Molecular Medicine, Ponekkara (PO), Kochi 682 041, Kerala, India (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and;(2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.

(b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative

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PATENT REEL: 038914 FRAME: 0052 applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

### Assignment of CORE-SHELL PARTICLE FORMULATION FOR DELIVERING MULTIPLE THERAPEUTIC AGENTS By Manzoer Koyakutty, Parwathy Chandran, Archana P.R. and Shantikumar Nair to AMRITA VISHWA VIDYAPEETHAM.

(h) IN TESTIMONY WHEREOF, I MANZOOR KOYAKUTTY have executed this document on the date indicated below.

2V1 OUYX

Signature of Inventor

Kout.

10/6/2016 Oate

<u>10/06/2016</u>

Inventor's City, State of residence

IN TESTIMONY WHEREOF, I PARWATHY CHANDRAN have executed this document on the date indicated below.

Date

and en

Signature of Inventor

KOCHI KERALA

inventor's City, State of residence

IN TESTIMONY WHEREOF, I ARCHANA P.R. have executed this document on the date indicated below.

11/06/2016 Same?

Signature of Inventor

TRIVANDRUM, KERALA

Inventor's City, State of residence.

IN TESTIMONY WHEREOF, I SHANTIKUMAR NAIR have executed this document on

the date indicated below.

Signature of Inventor

13 June 2016 Date

Inventor's City, State of residence

PATENT REEL: 038914 FRAME: 0054

**RECORDED: 06/15/2016**