PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Samuel A. Wickline MD	10/09/2008	
Neelesh Ramchandra Soman	10/09/2008	
Hua Pan	10/09/2008	
Paul H. Schlesinger PhD	10/09/2008	
Gregory Lanza	02/18/2011	

RECEIVING PARTY DATA

Name:	Washington University	
Street Address:	One Brookings Drive	
City:	St. Louis	
State/Country:	MISSOURI	
Postal Code:	63130	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12910385

CORRESPONDENCE DATA

Fax Number: (618)655-9640

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: rendsley@polsinelli.com

Correspondent Name: POLSINELLI SHUGHART PC

Address Line 1: 105 West Vandalia Street

Address Line 2: Suite 400

Address Line 4: Edwardsville, ILLINOIS 62025

ATTORNEY DOCKET NUMBER: 047563-419658

NAME OF SUBMITTER: Rebecca Endsley, Paralegal

PATENT

REEL: 025838 FRAME: 0005

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Total Attachments: 8 source=419658 Assignment (2)#page1.tif source=419658 Assignment (2)#page2.tif source=419658 Assignment (2)#page3.tif source=419658 Assignment (2)#page4.tif source=419658 Assignment (2)#page5.tif source=419658 Assignment (2)#page6.tif source=419658 Assignment (2)#page7.tif source=419658 Assignment (2)#page8.tif

TECHNOLOGY ASSIGNMENT

WU Case: 007570

ASSIGNORS:

Samuel Wickline

Neelesh Soman

Hua Pan

Paul Schlesinger

Gregory Lanza

WHEREAS, the aforementioned individuals (the "ASSIGNORS") have developed a certain INVENTION having WU OTM Case No. 007570 and being entitled Universal Peptide Linkers for Nanoparticle Vehicles (collectively, with all future enhancements and improvements thereto as well as all related original works of authorship related thereto other than those solely of an artistic, literary or scholarly nature, as the "INVENTION");

WHEREAS, the ASSIGNORS have executed an application for a United States Patent based on the INVENTION, entitled UNIVERSAL ANCHOR PEPTIDE FOR NANOPARTICLES, filed on October 22, 2010, and assigned Application Serial No. 12/910,385, (the "APPLICATION");

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, Missouri, 63130, ("ASSIGNEE") is desirous of acquiring the entire and exclusive right, title, and interest in and to the INVENTION and the APPLICATION; as provided for in the Washington University Intellectual Property Policy;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to and under the INVENTION, the APPLICATION, and any other United States APPLICATIONS (including provisional, non-provisional, divisional, continuing and reissue APPLICATIONS) based in whole or in part on the

APPLICATION or in whole or in part on the INVENTION, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid APPLICATIONS or on the INVENTION or any part thereof and including all rights to claim priority through any international convention or treaty and all copyrights on or related to the INVENTION;

ASSIGNORS each agree, to each creator's binding personal share of any income generated by the INVENTION as delineated in the attached Exhibit A, and that all future agreements regarding such personal shares shall be in writing and signed by all creators;

ASSIGNORS hereby warrant and represent to Assignee, its successors, legal representatives and assigns, that at the time of execution of this assignment, the ASSIGNORS listed above are the sole individuals employed by the ASSIGNEE who have made contributions to the INVENTION, that the ASSIGNORS are unencumbered and have good and full right and lawful authority to sell and convey the same in the manner herein set forth, and that all works of authorship assigned herein are original works created solely by the ASSIGNORS and are free from plagiarized, libelous, obscene or infringing material;

ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States of America, to issue any and all United States Patents that may be granted on any assigned APPLICATION or on the INVENTION or any part thereof, in the name of ASSIGNEE;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this sale, assignment and transfer:

ASSIGNORS hereby grant to ASSIGNEE and its agents and attorneys the power and right to insert herein the title, serial number and filing date of the APPLICATION, the OTM case number and title of the INVENTION after this Assignment is executed by the ASSIGNORS; and

ASSIGNORS further covenant that upon ASSIGNEE's request they will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid APPLICATIONS and the INVENTION as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives without further consideration any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the

aforesaid APPLICATIONS that may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

For the event that ASSIGNEE is unable, after reasonable effort, to secure any ASSIGNOR's signature on any APPLICATION, paper or other instrument relating to any patent, patent APPLICATION, letters patent, copyright or other analogous protection relating to the INVENTION in any country, whether because of the ASSIGNOR's mental incapacity, death or for any other reason whatsoever, each ASSIGNOR hereby irrevocably designates and appoints ASSIGNEE and its duly authorized officers and agents as each ASSIGNOR's agent and attorney in fact to act for and to execute and file any such APPLICATION, paper or other instrument on ASSIGNOR's behalf and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent APPLICATION, letters patent, copyright or any other analogous protection related to the INVENTION with the same legal force and effect as if executed by such ASSIGNOR.

For the convenience of the parties, any number of counterparts of the Assignment may be executed by the parties hereto. Each such counterpart shall be and shall be deemed to be an original instrument but all such counterparts taken together shall constitute one and the same assignment.

IN WITNESS WHEREOF, the ASSIGNORS have hereunto set their hand to the foregoing assignment.

Jo-2.08
Signature Samuel A. Wickline MD Date
HOME ADDRESS:
Street
City State Zip
ACKNOWLEDGMENT
STATE OF MISSOURI)
CITY OF St. Lauis
On this $9^{7/4}$ day of 3000 , 2008, before me, a Notary Public, personally appeared 3000 , known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.
In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.
Jassice Juliams Notary Public
My Commission Expires:
[SEAL]
More process Notary Seal Station of the Commissioned and the County My Commission Express and the 29, 2012 COMMISSION #08478758

ablification	10-09-2008
Signature Neelesh Ramchandra Soman	Date
HOME ADDRESS:	
6429 CATES AVE, APT 2E	
Street	
ST. LOUIS MO 63130 City State Zip	
City State Zip	
ACKNOWLEDGMENT	
STATE OF ///\stanki) SS.	
STATE OF <u>Missimel</u>)) SS. CITY OF <u>SH. Umis</u>)	
On this It day of Action, 2008, before me, a Nota personally appeared Nutesh R. Somon, known to me to be the and who executed, the foregoing assignment and acknowledged said instrument as his free act and deed.	person described, in
In Testimony Whereof, I have hereunto set my hand and affixed the day and year first above written.	my official seal
Notary Public	
My Commission Expires:	
[SEAL]	
JESSICA WILLIAMS Notary Public - Notary Seal State of Missouri Commissioned for ST. LOUIS County My Commission Expires: Jan. 29, 2012 COMMISSION #08478758	

Lingth.	10/09/2008
Signature Hua Pan	Date
HOME ADDRESS: 5625 (layton Ave Apt325 Street Street Mo 63139 City State Zip	
ACKNOWLEDGMENT	
STATE OF MISSOURI	
CITY OF St. Louis	
On this <u>I</u> day of <u>firm</u> , 2008, before me, a personally appeared <u>hua fan</u> , known to me to be and who executed, the foregoing assignment and acknowle said instrument as his free act and deed.	i Notary Public, e the person described, in edged that he executed
In Testimony Whereof, I have hereunto set my hand and af the day and year first above written.	fixed my official seal
Notary Public	
My Commission Expires:	
JESSICA WILLIAMS Notary Public - Notary Seal State of Missouri Commissioned for ST. LOUIS County My Commission Expires: Jan. 29 2012 COMMISSION #08478758	

Cant	I Shelon			10-9-08	
Sig	nature Paul H. So	chlesinger MD, I	PhD		Date
HOME ADDR	ESS:				
	Street				
City	State	Zip			
		KNOWLEDGME	NT		
STATE OF	Vissouri	_)			
CITY OF <u>54.</u>	Louis) SS.)			
On this <u>III</u> personally appared who exec	day of Antiber	<i>lesinger</i> , known assignment and		erson described, in	
	Whereof, I have he ear first above writt		and and affixed n	ny official seal	
Notary Public	Milliams	-			
My Commission	on Expires:				
Commissioned for S	- Notary Seal Missouri ST. LOUIS County expires: Jan. 29, 2012				

In Mola ololi
Signature/- Gregory Lariza Date
Name: Gregory Lanza
Home Address: 12042 Gardong HE De
A. Lans, no w3146
ACKNOWLEDGMENT
STATE OF MISSULY!) SS.
CITY OF St. Louis
On this 164 day of February, 2011, before me, a Notary Public, personally appeared 676 Langa, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.
In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.
Notary Public
My Commission Expires:
[SEAL]
KELLY HATTLE Notary Public - Notary Seal State of Missouri Commissioned for St Louis City My Commission Expires: October 20, 2014 Commission Number: 10032330

RECORDED: 02/21/2011