505027092 07/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5073842

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMED S. EL-KURDI	07/02/2013
WILLIAM R. WAGNER	08/05/2013

RECEIVING PARTY DATA

Name:	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	
Street Address:	200 GARDNER STEEL CONFERENCE CENTER	
City:	PITTSBURGH	
State/Country:	PENNSYLVANIA	
Postal Code:	15260	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15499242

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.

Email: patentdocket@wsgr.com, rgiuliano@wsgr.com
Correspondent Name: WILSON SONSINI GOODRICH & ROSATI

Address Line 1: 650 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	47510-708.301	
NAME OF SUBMITTER:	WEI HUANG	
SIGNATURE:	/Wei Huang/	
DATE SIGNED:	07/30/2018	

Total Attachments: 4

source=47510-708.301 Mohammad El-kurdi and William Wagner to Univ. of Pittsburgh - Assignment#page1.tif source=47510-708.301 Mohammad El-kurdi and William Wagner to Univ. of Pittsburgh - Assignment#page2.tif source=47510-708.301 Mohammad El-kurdi and William Wagner to Univ. of Pittsburgh - Assignment#page3.tif source=47510-708.301 Mohammad El-kurdi and William Wagner to Univ. of Pittsburgh - Assignment#page4.tif

PATENT 505027092 REEL: 046503 FRAME: 0722

ASSIGNMENT

WHEREAS, I, Mohammed S. El-Kordi, together with Jon McGrath, Lorenzo Soletti, William R. Wagner, and I. Christopher Flaherty, have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

SYSTEM AND METHOD FOR MANDREL-LESS ELECTROSPINNING

and identified by

Attoiney Docket No. NEO-006; and

Application No. 13/977,933 filed in the United States Patent Office on June 25, 2013, and

WHEREAS, University of Pittsburgh — Of the Commonwealth System of Higher Education, a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, and having a usual place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, PA 15260 desires to acquire an interest therein, in accordance with agreements duly entered into with me:

WHEREAS, Neografi Technologies, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 470 Constitution Drive, Taumon, MA 02780, desires to acquire an interest therein, in accordance with agreements duty entered into with me; and

WHEREAS, University of Pinyburgh – Of the Commonwealth System of Higher Education and Noograft Technologies, Inc. are bereinafter together referred to as "JOINT ASSIGNEES".

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged. I have sold, assigned and transferred and by these presents do hereby self, assign and transfer unto said both of the JOINT ASSIGNEES, their successors, assigns, and legal representatives. my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority. under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest I may have in provisional applications to which said application claims priority, said invention(s), applications and Letters Patent to be held and enjoyed by said JOINT ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, 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 by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treatics or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in JOINT ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys

> PATENT REEL: 046503 FRAME: 0723

Sole Assignment Docket No. NEO-006 PCT Apolication No. PCT/UST1/65005 Page 2 of 2

and agents of JOINT ASSIGNEES' selection and the right to procure the grant of all Letters Patent to JOINT ASSIGNEE in its own name as assignee of my cotine right, title and interest therein;

AND, Thereby further agree for myself and my executors and administrators to execute apon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said JOINT ASSIGNRES, their successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of nonprovisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications:

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved:

AND, Thereby authorize JOINT ASSIGNEES or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of my execution of this assignment:

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said JOINT ASSIGNEES, its successors, assigns, or legal representatives,

		*:						
			. 1	nventor:	Mohamme	/// (8.814)		
State/Commonwe County of	alth of		**				:	·
On this	_day.of			2013. be	fore me, the i	ndersigne	i notarv	muhlie
Dersonally appeare identification, who	d Mohamm Shiwere	38 S. L.I-K.	aria, pros	ed to me	through sails	sfactory ex the person	idence i	N
on the preceding o	rattached di	Xunent in	my pres	ence.		me (secon	. #100# C	331111C 15 (
			· ·		* * * · · .			
				otary Pu	Nik			inimuni
			ur S	ty Comn	oission Expin	38 3		
		> 1		•		•		:
VITVES	*	econect:				•		

Witness Date:

ASSIGNMENT

WHEREAS, I, William R. Wagner, together with Jon McGrath, Lorenzo Soletti, Mohammed S. El-Kurdi, and J. Christopher Flaherty, have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

SYSTEM AND METHOD FOR MANDREL-LESS ELECTROSPINNING

and identified by

\boxtimes	Attorney	Docket	No.	NEO-006;	and

Application No. 13/977,933 filed in the United States Patent Office on June 25, 2013, and

WHEREAS, University of Pittsburgh – Of the Commonwealth System of Higher Education (hereinafter "ASSIGNEE"), a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, and having a usual place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, PA 15260 desires to acquire an interest therein, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged. I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

PATENT REEL: 046503 FRAME: 0725 Sole Assignment Docket No. NEO-006 PCT Application No. PCT/US11/66905 Page 2 of 2

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of my execution of this assignment;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

		Inventor: William R. Wagner
State/Commonwealt County of	h of)	Pennsylvania Aucgheny
personally appeared \ which were <u>\mathref{PA} \text{Dw} \\ preceding or attached \\ \text{NOTAR} \\ \text{EVE A} \\ \text{Notar} \\ \text{PITTSBURGH CITY}</u>	William R. Wagner, pro	
WITNESS Witness Signature:	Jarol Kred	
Witness Name:	VERA V KUCHA-F	<u>ski</u>
Witness Date:	E1-22-9	

PATENT

REEL: 046503 FRAME: 0726