506411410 12/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6458167

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES M. TOUR	11/08/2016
WILLIAM SIKKEMA	03/06/2017

RECEIVING PARTY DATA

Name:	WILLIAM MARSH RICE UNIVERSITY	
Street Address: 6100 MAIN STREET		
City:	HOUSTON	
State/Country: TEXAS		
Postal Code: 77005		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16327675

CORRESPONDENCE DATA

Fax Number: (844)670-6009

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.

5127704222 Phone:

Email: cherrera@dickinsonwright.com Correspondent Name: **ROSS SPENCER GARSSON**

Address Line 1: 607 W. 3RD. STREET

Address Line 2: **DICKINSON WRIGHT PLLC** Address Line 4: AUSTIN, TEXAS 78701

ATTORNEY DOCKET NUMBER:	072174-87001
NAME OF SUBMITTER:	CLAUDIA HERRERA
SIGNATURE:	/Claudia Herrera/
DATE SIGNED:	12/18/2020

Total Attachments: 4

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> **PATENT** REEL: 054691 FRAME: 0112

506411410

Winstead Ref. No. 11321-P416V1 Rice Tech ID 2017-013-01

Assignment of Invention

WHEREAS, I, James M. Tour, Bellaire, Texas, United States of America; and I,

William Sikkema, Houston, Texas, United States of America, have invented certain new and

useful improvements in "NEURONAL SCAFFOLD-WATER SOLUBLE GRAPHENE

FOR FAST REPAIR OF SEVERED SPINAL CORDS", for which a provisional application

was filed on August 22, 2016, under Serial Number 62/377,947.

WHEREAS, WILLIAM MARSH RICE UNIVERSITY, a university organized

under the laws of Texas, having a principal office and place of business at 6100 Main Street,

Houston, Texas, 77005, United States of America (hereinafter ASSIGNEE), desires to acquire

from James M. Tour and William Sikkema the entire right, title and interest they have in and to

said invention and to any Letters Patent that may be granted thereof from said applications in

the United States and its territorial possessions, and any and all countries foreign to the United

States of America.

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby

acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my

rights to the said invention in the United States and its territorial possessions and all countries

foreign to the United States of America, and my entire right, title and interest in and to any and

all Letters Patent which may be granted therefore in the United States and its territorial

possessions and in and to any and all divisions, reissues, continuations, substitutions and

renewals thereof, and to any and all Letters Patent which may be granted therefore in all

countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its

territorial possessions and Patent Office Officials in all countries foreign to the United States to

issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my

entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, 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 by me had this Assignment and sale not

been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any

facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful

PATENT

REEL: 054691 FRAME: 0113

Winstead Ref. No. 11321-P416V1 Rice Tech ID 2017-013-01

papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

	EXECUTED AT:	Howton / USA (City, State, Country)
Date:	11/8/200	6
11/		James M. Tour
	EXECUTED AT:	
		(City, State, Country)
Date:		
		William Sikkema

PATENT REEL: 054691 FRAME: 0114

Assignment of Invention

WHEREAS, I, James M. Tour, Bellaire, Texas, United States of America; and I, William Sikkema, Houston, Texas, United States of America, have invented certain new and useful improvements in "NEURONAL SCAFFOLD-WATER SOLUBLE GRAPHENE FOR FAST REPAIR OF SEVERED SPINAL CORDS", for which a provisional application was filed on August 22, 2016, under Serial Number 62/377,947.

WHEREAS, WILLIAM MARSH RICE UNIVERSITY, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, Texas, 77005, United States of America (hereinafter ASSIGNEE), desires to acquire from James M. Tour and William Sikkema the entire right, title and interest they have in and to said invention and to any Letters Patent that may be granted thereof from said applications in the United States and its territorial possessions, and any and all countries foreign to the United States of America.

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefore in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, 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 by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful

PATENT REEL: 054691 FRAME: 0115

Winstead Ref. No. 11321-P416V1 Rice Tech ID 2017-013-01

papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

	EXECUTED AT:	
		(City, State, Country)
Date:		
		James M. Tour
	EVECUTED AT	Uninten TV 110 A
	EXECUTED AT:	Houston, TX, USA (City_State, Country)
Data	6 March 2017	
Date:		William Sikkema

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PATENT REEL: 054691 FRAME: 0116