506314714 10/21/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINGLIN MA	04/27/2018
QINGSHENG LIU	04/29/2018

RECEIVING PARTY DATA

Name:	CORNELL UNIVERSITY	
Street Address:	CENTER FOR TECHNOLOGY LICENSING ("CTL")	
Internal Address:	AT CORNELL UNIVERSITY, 395 PINE TREE ROAD, SUITE 310	
City:	ITHACA	
State/Country:	NEW YORK	
Postal Code:	14850	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16480996

CORRESPONDENCE DATA

Fax Number: (585)270-2179

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Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP

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ATTORNEY DOCKET NUMBER:	147402.007872	
NAME OF SUBMITTER: HEATHER J. DODGE		
SIGNATURE: /Heather J. Dodge/		
DATE SIGNED: 10/21/2020		

Total Attachments: 3

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PATENT 506314714 REEL: 054130 FRAME: 0094

Cornell University ASSIGNMENT

WHEREAS, We, Minglin MA, a United States citizen, whose mailing address is, Riley-Robb Hall 322, Cornell University, Ithaca, New York 14853; and Qingsheng LIU, a United States citizen, whose mailing address is, Riley-Robb Hall 145, Cornell University, Ithaca, New York 14853, have invented certain new and useful improvements in ZWITTERONICALLY MODIFIED POLYMERS AND HYDROGELS, for which an application for Letters Patent in the United States was filed as U.S. Provisional Application Serial No. 62/451,629, on January 27, 2017, and was filed as PCT Application No. PCT/US2018/015613, on January 27, 2018;

AND WHEREAS, Cornell University, with its principal place of business at the Center for Technology Licensing ("CTL") at Cornell University, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

903810024.1 7651-02-PC (29543.7871)

Witness Signature Option		
Minglin MA	4/27/2018 Date 04/27/2018 Date	
First Witness Signature	04/27/2026 Date 7/2026	
Long hai Wang First Witness Printed Name		
Second Witness Signature	4/27/2018 Date	
Wei Song Second Witness Printed Name		
Notary Option	•	
	VHEREOF, I hereunto set my hand and seal this	day of
	Minglin Ma	
STATE OF ::	,	
This day of _ above-named Minglin Ma , to me p his/her own free will for the purpos	, 2018, before me personally came personally known as the individual who executed the ses therein set forth.	e the e same of
	Notary Public	
	Commission expires on	

903810024.1 7651-02-PC (29543.7871)

> PATENT REEL: 054130 FRAME: 0096

Witness Signature Option	<u>.</u>
	4/29/2018
Qingsheng LIU Date	e
First Wilness Signature Da	17/29/2018 e4/20/2018 ate
First Witness Printed Name	
Second Witness Signature Da	4/30/2018 ate
Wei Song Second Witness Printed Name	
Notary Option	
IN TESTIMONY WHER, 2018.	REOF, I hereunto set my hand and seal this day of
	Qingsheng Liu
STATE OF : COUNTY OF :	
This day of above-named Qingsheng Liu , to me per of his/her own free will for the purposes	, 2018, before me personally came the resonally known as the individual who executed the same therein set forth.
- •	
	Notary Public
	Commission expires on

903810024.1 7651-02-PC (29543.7871)

> PATENT REEL: 054130 FRAME: 0097

RECORDED: 10/21/2020