### 504665196 11/30/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4711918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAMALESH SIRKAR	11/03/2017
ROBERT PFEFFER	11/02/2017
DENGYUE CHEN	10/13/2016
DHANANJAY SINGH	11/01/2017

### **RECEIVING PARTY DATA**

Name:	NEW JERSEY INSTITUTE OF TECHNOLOGY	
Street Address:	323 DR. MARTIN LUTHER KING JR. BLVD.	
City:	NEWARK	
State/Country:	NEW JERSEY	
Postal Code:	07102-1982	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14968456

### **CORRESPONDENCE DATA**

**Fax Number:** (203)399-5822

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.

**Phone:** 203-399-5920

**Email:** jsimmons@mccarter.com

Correspondent Name: MCCARTER & ENGLISH, LLP STAMFORD

Address Line 1: CANTERBURY GREEN Address Line 2: 201 BROAD STREET

Address Line 4: STAMFORD, CONNECTICUT 06901

ATTORNEY DOCKET NUMBER:	94350.00140
NAME OF SUBMITTER:	BASAM E. NABULSI
SIGNATURE:	/Basam E.Nabulsi/
DATE SIGNED:	11/30/2017

### **Total Attachments: 8**

source=NJIT .00140 Assignment1#page1.tif source=NJIT .00140 Assignment1#page2.tif

PATENT 504665196 REEL: 044265 FRAME: 0109

source=NJIT .00140 Assignment2#page1.tif	
source=NJIT .00140 Assignment2#page2.tif	
source=NJIT .00140 Assignment3#page1.tif	
source=NJIT .00140 Assignment3#page2.tif	
source=NJIT .00140 Assignment4#page1.tif	
source=NJIT .00140 Assignment4#page2.tif	

PATENT REEL: 044265 FRAME: 0110

### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Kamalesh Sirkar, 20 Hughes Road, Bridgewater, NJ 08807-5697
Robert Pfeffer, 16079 North 108 Street, Scottsdale, AZ 85255-8825
Dengyue Chen, 407 North 6<sup>th</sup> Street, Harrison, NJ 07029
Dhananjay Singh, 108 Forest Street, Apt. #2, Kearny, NJ 07032
(Insert full name(s) and post office addresses of inventors)

(hereinafter, "Assignor"), who have created a certain invention for which a provisional application has been filed with the United States Patent Office entitled:

## POROUS HOLLOW FIBER ANTI-BASED CONTINUOUS METHOD OF POLYMER COATING ON SUBMICRON AND NANOPARTICLES.

(inser	t title	of in	vent	ion)

for which	the applicatio	n is attached hereto; o	ŗ

for which the application for U.S. Letters Patent has been filed on December 14, 2015 as Application Serial No. 14/968,456.

Do hereby sell, assign and transfer to:

NEW JERSEY INSTITUTE OF TECHNOLOGY, 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, NJ 07102-1982

(insert full name(s) and post office addresses of assignee)

(hereinalter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

S161 21658833V.1

I/We authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set our signature(s) below.

Signature of inventor:		
Date:		
	Kamälesh Sirkar	
Signature of Inventor:	v.	
Date:		
	Robert Pfeffer	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Signature of inventor:		
Jare		
	Dengyue Chen	
<b>~</b>		90 - 40 M
Signature of Inventor:		
Date:		***************************************
	Dhananiay Singh	

ATTORNEY DOCKET NO. 94350.00140

### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Kamalesh Sirkar, 20 Hughes Road, Bridgewater, NJ 08807-5697
Robert Pfeffer, 16079 North 108 Street, Scottsdale, AZ 85255-8825
Dengyue Chen, 407 North 5<sup>th</sup> Street, Harrison, NJ 07029
Dhananjay Singh, 108 Forest Street, Apt. #2, Kearny, NJ 07032
(insert full name(s) and post office addresses of inventors)

(maen full harne(s) and post office addresses of inventors)

(hereinafter, "Assignor"), who have created a certain invention for which a provisional application has been filed with the United States Patent Office entitled:

## POROUS HOLLOW FIBER ANTI-BASED CONTINUOUS METHOD OF POLYMER COATING ON SUBMICRON AND NANOPARTICLES

(insert title	a of invention)

for which the application is attached here	ito; or
--	---------

for which the application for U.S. Letters Patent has been filed on December 14, 2015 as Application Serial No. 14/968,456.

Do hereby sell, assign and transfer to:

# NEW JERSEY INSTITUTE OF TECHNOLOGY, 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, NJ 07102-1982

(insert full name(s) and post office addresses of assignee)

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties; including all future conventions, unions, agreements, acts, and treaties;

ME1 21658833v.1

I/We authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set our signature(s) below.

Date:	Kamalesh Sirkar
Signature of inventor:	
Date: 11/2/2017	<b>W</b>
	Robert Pfeffer
Signature of inventor:	
Dale:	8 8
8	Dengyue Chen
Signature of inventor:	
Date:	/
	Dhananjay Singh

ME1 21658833v.1

### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Kamalesh Sirkar, 20 Hughes Road, Bridgewater, NJ 08807-5697
Robert Pfeffer, 16079 North 108 Street, Scottsdale, AZ 85255-8825
Dengyue Chen, 407 North 5<sup>th</sup> Street, Harrison, NJ 07029
Dhananjay Singh, 108 Forest Street, Apt. #2, Kearny, NJ 07032
(insert full name(s) and post office addresses of inventors)

(hereinafter, "Assignor"), who have created a certain invention for which a provisional application has been filed with the United States Patent Office entitled:

## POROUS HOLLOW FIBER ANTI-BASED CONTINUOUS METHOD OF POLYMER COATING ON SUBMICRON AND NANOPARTICLES

	invention)	

□ fo	or which	the applic	cation is at	tached hereto; or
------	----------	------------	--------------	-------------------

for which the application for U.S. Letters Patent has been filed on December 14, 2015 as Application Serial No. 14/968,456.

Do hereby sell, assign and transfer to:

NEW JERSEY INSTITUTE OF TECHNOLOGY, 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, NJ 07102-1982

(insert full name(s) and post office addresses of assignee)

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filled in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

MB1 216588339.1

I/We authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set our signature(s) below.

Signature of inventor:		
Date:	2	
	Kamalesh Sirkar	
Signature of inventor:		
Date:		
	Robert Pfeffer	
Signature of inventor:		
Date: 2-16/10/3		
	Dengyue Chen	
Signature of inventor:		
Date:	Dhananjay Singh	

ATTORNEY DOCKET NO. 94350.00140

### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

Kamaiesh Sirkar, 20 Hughes Road, Bridgewater, NJ 08807-5697

Robert Pfeffer, 16079 North 108 Street, Scottsdale, AZ 85255-8825

Dengyue Chen, 407 North 5<sup>th</sup> Street, Harrison, NJ 07029

Dhananjay Singh, 108 Forest Street, Apt. #2, Kearny, NJ 07032

(Insert full name(s) and post office addresses of inventors)

/hereinafter "Assignor") who have created a certain invention for which a

(hereinafter, "Assignor"), who have created a certain invention for which a provisional application has been filed with the United States Patent Office entitled:

## POROUS HOLLOW FIBER ANTI-BASED CONTINUOUS METHOD OF POLYMER COATING ON SUBMICRON AND NANOPARTICLES

(insert title of invention)

for which the application is attached hereto; or

for which the application for U.S. Letters Patent has been filed on December 14, 2015 as Application Serial No. 14/968,456.

Do hereby sell, assign and transfer to:

NEW JERSEY INSTITUTE OF TECHNOLOGY, 323 Dr. Martin Luther King Jr. Blvd., University Heights, Newark, NJ 07102-1982

(insert full name(s) and post office addresses of assignee).

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties.

MET THOMAS

I/We authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all non-provisional applications, continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for alding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I/we have hereunto set our signature(s) below.

Kamalesh Sirkar	
Robert Pfeffer	
Dengyue Chen	
Dhaneojay Siliqui	
	Robert Pfeffer  Dengyue Chen

METOTION (SV.)

Cimmation of incensi-

PATENT REEL: 044265 FRAME: 0118

**RECORDED: 11/30/2017**