509075892 03/12/2025

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI883084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kenneth E. Bertagnolli	02/10/2016
Michael A. Vail	02/02/2016
Jiang Qian	01/27/2016
Jason K. Wiggins	01/27/2016
Mark Perhson Chapman	02/11/2016
Arnold D. Cooper	01/29/2016
Debkumar Mukhopadhyay	01/27/2016
Amy Leigh Rodriguez	02/03/2016
Stephen Rudger Adams	02/10/2016

RECEIVING PARTY DATA

Company Name:	US Synthetic Corporation
Street Address:	1260 South 1600 West
City:	Orem
State/Country:	UTAH
Postal Code:	84058

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16589279

CORRESPONDENCE DATA

Fax Number: 8018528203

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: 8018547675

Email: docket@techlawventures.com,shelby@techlawventures.com

Correspondent Name: TechLaw Ventures Address Line 1: 3290 W. Mayflower Ave.

Address Line 4: Lehi, UTAH 84043

ATTORNEY DOCKET NUMBER: APR-0185.MS NAME OF SUBMITTER: SHELBY WALLES

PATENT REEL: 070494 FRAME: 0781 509075892

SIGNATURE:	/SHELBY WALLES/
DATE SIGNED:	03/12/2025
Total Attachments: 11	
source=10464273 (62286820) assignme	ent#page1.tiff
source=10464273 (62286820) assignme	ent#page2.tiff
source=10464273 (62286820) assignme	ent#page3.tiff
source=10464273 (62286820) assignment#page4.tiff	
source=10464273 (62286820) assignment#page5.tiff	
source=10464273 (62286820) assignme	ent#page6.tiff
source=10464273 (62286820) assignme	ent#page7.tiff
source=10464273 (62286820) assignme	ent#page8.tiff
source=10464273 (62286820) assignme	ent#page9.tiff
source=10464273 (62286820) assignme	ent#page10.tiff

source=10464273 (62286820) assignment#page11.tiff

PATENT REEL: 070494 FRAME: 0782

ASSIGNMENT

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled CELL ASSEMBLIES AND METHODS OF USING THE SAME. Preferred embodiments of said invention are disclosed in a United States provisional patent application which:

- [] is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No N/A, with a filing date of N/A.
- [X] was previously filed in the United States Patent and Trademark Office on 25 January 2016 as Provisional Patent Application Serial No. 62/286,820.

(The attorneys of Dorsey & Whitney LLP are hereby authorized to insert the serial number and filing date when known.)

The Assignee, US Synthetic Corporation, a corporation of the state of Delaware, having a principal place of business at 1260 South 1600 West, Orem, Utah 84058, desires to secure the entire right, title and interest in said invention and the provisional patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in the above-identified U.S. provisional patent application and in said invention of the above-identified U.S. provisional patent application and in all subsequent non-provisional utility patent applications claiming priority thereto, all divisions, continuations and continuations-in-part of said non-provisional patent applications, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding patent applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made; and

1

Docket No. 249986US01 480566-335

REEL: 070494 FRAME: 0783

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

2

Docket No. 249986US01_480566-335

Kenneth (GIVEN NAME)	E	Bertagnolli
Signature Signature	Date F	FAMILY (OR LAST NAME) POPULATOS 10 2010
STATE OF UTAH §		
COUNTY OF UTAH §		
in my presence and acknowledg	the person described and who ged under oath before me that he	ersonally appeared Kenneth E. signed the foregoing Assignment e has read the same and knows the and deed and for the purposes set
Qual N. Nations		COOK ELDAN IN DETERMENT
NOTARY PUBLIC Residing at Sunly, UT		SARAH M PETERSEN Notary Public, State of Utah Commission # 610765 My Commission Expires July 10, 2016
My Commission Expires: TILLA	. 10 000	

Michael		Vail
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature Multin	Date F	b. 2,2016
STATE OF UTAH §		
COUNTY OF UTAH §		
On February 2	, 2016, before me persona	ally appeared Michael A. Vail.
known to the to be the perso	on described and who signed the	e foregoing Assignment in my
contents thereof and that he exforth therein.	secuted the same as his free act at	nd deed and for the purposes set
Torus merem.		
6 N.		
Soudh IVI. Yeterson		SARAH M PETERSEN Notary Public, State of Utah
NOTARY PUBLIC		Commission # 610765 My Commission Expires
Residing at MM, W		July 10, 2016
My Commission Expires: JWL	x 10, 2010	

Jiang		Qian
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date _	1/17/2016
STATE OF UTAH	§	
COUNTY OF UTAH	\$ \$	
on Januara 27	, 2016, before me persona	ally appeared Jiang Qian, known to
me to be the person describe	ed and who signed the foregoin	g Assignment in my presence and
	fore me that he has read the sar as his free act and deed and for	me and knows the contents thereof the purposes set forth therein.
Soloh M. Ditamo		SARAH M PETERSEN
NOTARY PUBLIC	<u> </u>	Notary Public, State of Utah Commission # 610765
Residing at MM, M		My Commission Expires July 10, 2016
My Commission Evniras III	LIA IN ANIA	

Jason	K.	Wiggins
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date Date	1/27/16
STATE OF UTAH	§	
~~·~	§	
COUNTY OF UTAH	3	
On Tanuary 27	3017 1-6-	
known to me to be the per presence and acknowledged	son described and who signed under oath before me that he h	ally appeared Jason K. Wiggins, the foregoing Assignment in my as read the same and knows the
forth therein.	executed the same as his free act	and deed and for the purposes set
Swan M. Oterw		SARAH M PETERSEN Notary Public, State of Utah
NOTARY PUBLIC		▲ (A) Commission # 610765
Residing at MM, Ul		My Commission Expires July 10, 2016
My Commission Expires: Tu	14-10-21/10	

Mark	Perhson	Chapman
Signature Mork Pohrson	MIDDLE INITIAL OR NAME) Adjunan Date	FAMILY (OR LAST NAME)
STATE OF UTAH § COUNTY OF UTAH §		
On February Chapman, known to me to be to my presence and acknowledged	he person described and who sid the under oath before me that he	sonally appeared Mark Perhson gned the foregoing Assignment in has read the same and knows the and deed and for the purposes set
Suah M. Johnson NOTARY PUBLIC Residing at Suldy, UT My Commission Expires: Tull		SARAH M PETERSEN Notery Public, State of Utah Commission # 610765 My Commission Expires July 10, 2016

REEL: 070494 FRAME: 0789

Arnold	D.	Cooper
(GIVEN NAMES)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature ()	Date	1-24-16
STATE OF UTAH §		
COUNTY OF UTAH §		
On JINUAVIA 29	2016 6.6.2.	
The control of the co	, 2010, before the person of described and who signed to	ally appeared Arnold D. Cooper, the foregoing Assignment in my
presence and acknowledged ur	nder oath before me that he h	as read the same and knows the
contents thereof and that he exe	ecuted the same as his free act	and deed and for the purposes set
torm merem.		
0 1 10 1		
Salah M. Poterun		SARAH M PETERSEN
NOTARY PUBLIC		Notary Public, State of Utah Commission # 610765
Residing at MANAY UT		My Commission Expires July 10, 2018
My Commission Expires: JULA	10. 2010	

Debkumar		Mukhopadhyay
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature Destluctedly	Date	1 27 / 16
STATE OF UTAH §		
COUNTY OF UTAH §		
on Tanuary 27	3012 1-2	
The second secon		personally appeared Debkumar and who signed the foregoing
Assignment in my presence and	acknowledged under oath be	fore me that he has read the same
	nd that he executed the same :	as his free act and deed and for the
purposes set forth therein.		
Swall M. Usterm		SARAH M PETERSEN Notary Public, State of Utah
NOTARY PUBLIC		Commission # 610765 My Commission Expires
Residing at My M		July 10, 2018
My Commission Expires: Tulk	10. 2110	

- Amy	Leig	M	Rodriguez
(GIVEN NAME)	Y MIDDLE INIT	TAL OR NAME)	FAMIBY (GREGIST NAME)
Signature Symples	حال	Date 2/3/	20/10 📆 :
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

PATENT REEL: 070494 FRAME: 0792

Stephen		
-Steven-	Rudger	Adams
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME) 2/10/2016
Signature Bon Com	Date	X/10/ X016

REEL: 070494 FRAME: 0793