# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7836126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YET-MING CHIANG	03/02/2023
ANDRES BADEL	09/10/2021
FEI WANG	07/11/2021

## **RECEIVING PARTY DATA**

Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17175543

## **CORRESPONDENCE DATA**

**Fax Number:** (617)646-8646

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:** 6176468000

**Email:** brandon.blackwell@wolfgreenfield.com,

mitadministrators@wolfgreenfield.com

Correspondent Name: BRANDON S. BLACKWELL

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: 600 ATLANTIC AVENUE

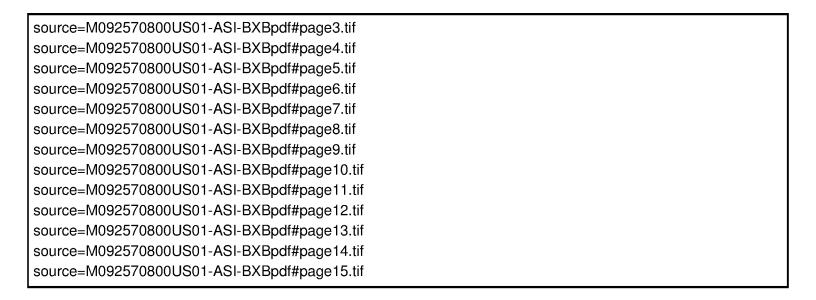
Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	M0925.70800US01			
NAME OF SUBMITTER:	BRANDON S. BLACKWELL			
SIGNATURE:	/Brandon S. Blackwell/			
DATE SIGNED:	03/09/2023			

**Total Attachments: 15** 

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PATENT 507788998 REEL: 062929 FRAME: 0091



PATENT REEL: 062929 FRAME: 0092

#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Massachusetts institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on February 12, 2021 under No. 17/175,543, bearing Attorney Docket No. M0925.70800US01, and entitled MULTI-PHASE ELECTROCHEMICAL CELLS AND RELATED SYSTEMS AND METHODS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. M0925.70800US01

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. M0925.70800US01

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$\frac{3/2/2023}{Date}$	4m Chiang
Date	Inventor: Yet-Ming/Chiang
	Address: 68 Gun Club Lane
	Weston, Massachusetts 02493
	Citizenship: US
Witness: 3/2/23 Date	Signature  Name: Panela Slavsky  Address: 960 Broadway  Chelsea, M4 02150
Witness:	
3/2/2023	Moderates
Date	Signature
	<b>-</b>
	Name: Matthew Ko

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Address:

250 Brookline Street, Apt #2, Combridge,

MA 02189

Date	Inventor:	Andres Badel
	Address:	707 Republic Court
		Deerfield Beach, Florida 33442
	Citizenship:	
Witness:		
Date	Signature	
	Name:	
	Address:	
Witness:		
Date	Signature	
	Name:	
	Address:	

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Date	Inventor:	Fei Wang
	Address:	76 Robin Hood Rd.
		Stoneham, Massachusetts 02180
	Citizenship:	China
Witness:		
Date	Signature	
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	Name:	
	Address:	
Witness:		
Date	Signature	)
	Name:	
	Address:	
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#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on February 12, 2021 under No. 17/175,543, bearing Attorney Docket No. M0925.70800US01, and entitled MULTI-PHASE ELECTROCHEMICAL CELLS AND RELATED SYSTEMS AND METHODS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. M0925.70800US01

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. M0925.70800US01

2

Date		Yet-Ming Chiang
	Address:	68 Gun Club Lane
		Weston, Massachusetts 02493
	Citizenship:	US
Witness:		
Date	Signature	
	<b>A</b> .	
	Name:	
	Address:	
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Date	Signature	
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	Name:	
	Address:	
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Attorney Docket No. M0925.70800US01		

**PATENT** 

**REEL: 062929 FRAME: 0100** 

9/10/21	
Date	Inventor: Andres Badel
	Address: 707 Republic Court
	Deerfield Beach, Florida 33442
	Citizenship: US
MPA- care	
Witness:	
09/10/2021 Date	Signature
Date	Signature
	Name: LUIS CARBAJAL
	Address: 885 MASS ACHUSETTS AVE
	CAMBRIDGE MA 02139
Witness:	0 102/1
09/10/2021	Dail Swith
Date	Signature

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Name:

Address:

Dencil Wilmot 20 Child St #1411 Cambridge MA 02141

Date	Inventor:	Fei Wang
	Address:	76 Robin Hood Rd.
		Stoneham, Massachusetts 02180
	Citizenship:	China
Witness:		
Date	Signature	
	Name:	
	Address:	
	Address.	
Witness:		
*** (0 1055.		
Date	Signature	
	Name:	
	Address:	
Attorney Docket No. M0925.70800US01		

PATENT REEL: 062929 FRAME: 0102

#### ASSIGNMENT

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- Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on February 12, 2021 under No. 17/175,543, bearing Attorney Docket No. M0925.70800US01, and entitled MULTI-PHASE ELECTROCHEMICAL CELLS AND RELATED SYSTEMS AND METHODS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
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Attorney D	ocket No.	M0925,70800US01	
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Attorney Docket No. M0925.70800US01

2

Date	Inventor:	Yet-Ming Chiang
	Address:	68 Gun Club Lane
		Weston, Massachusetts 02493
	Citizenship:	US
Witness:		
Date	Signature	
	Name:	
	Address:	
Witness:		
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Date	Signature	•
	Name:	
	# .3 da	
	Address:	
Attorney Docket No. M0925.70800US01		

PATENT REEL: 062929 FRAME: 0105

Date		Andres Badel
	Address:	707 Republic Court  Deerfield Beach, Florida 33442
	Olliannahim	
	Citizenship:	00
Witness:		
Date	Signature	1
	Name:	
	Address:	
440		
Witness:		
Date	Signature	•
	Name:	
	Address:	
Attorney Docket No. M0925.70800US01		
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PATENT REEL: 062929 FRAME: 0106

	ress:	Fei Wang 76 Robin Hood Rd. Stoneham, Massachusetts 02180 China
Nar	nature ne: dress:	Yiliang Li  143 Albany St, Cambridge, MA02139
Nar	nature ne: dress:	Clinti  Qin Li  3416 Tulore ch oft 14, 1992 200746  Hyottsvillo, MD

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RECORDED: 03/09/2023

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PATENT REEL: 062929 FRAME: 0107