

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WEILIN ZHANG	10/10/2021
	MEILIN LIU	10/10/2021
	YUCUN ZHOU	10/10/2021
RECEIVING PARTY DATA		
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City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30318	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	17476032	
Application Number:	63086486	
CORRESPONDENCE DATA		
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<i>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.</i>		
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ATTORNEY DOCKET NUMBER:	014347.005US1	
NAME OF SUBMITTER:	RICHARD S. ECHLER	
SIGNATURE:	/Richard S. Echler/	
DATE SIGNED:	10/20/2021	
Total Attachments: 4		
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ASSIGNMENT

WHEREAS, We, Weilin Zhang, Meilin Liu and Yucun Zhou (collectively referred to as "Assignor"), and Ying Liu have invented Air Electrodes of Solid Oxide Electrochemical Cells, for which a U.S. Provisional Patent Application was filed October 1, 2020, and provided Application No. 63/086,486; and for which a U.S. Utility Application was filed Sept. 15, 2021 and provided Application No. 17/476,032, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

GEORGIA TECH RESEARCH CORPORATION

926 Dalney Street, NW

Atlanta, Georgia 30318

United States

("Assignee") desires to purchase all of Assignor's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agrees, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to

any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 10th day of October, 2021.

Weilin Zhang (SEAL)
Weilin Zhang

Witnessed by: ZHEYU LUO
Signature

Date: 10/10/21

ZHEYU LUO
Printed Name of Witness

Witnessed by: Nicholas Kane
Signature

Date: 10/10/21

Nicholas Kane
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2021.

(SEAL)
Weilin Zhang

State of _____

County of _____


On this _____ day of _____, 2021, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires: _____

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 10th day of October, 2021.

 (SEAL)
Meilin Liu

Witnessed by: Jenny Liu
Signature

Date: 10/10/2021

Jenny Liu
Printed Name of Witness

Witnessed by: Xueying Zhang
Signature

Date: 10/10/2021

XUEYING ZHANG
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2021.

(SEAL)
Meilin Liu

State of _____

County of _____

On this ____ day of _____, 2021, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 10 day of Oct., 2021.

Yucun Zhou (SEAL)
Yucun Zhou

Witnessed by: [Signature]
Signature

Date: 10/10/21

ZHEYU LUO
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/10/21

Nicholas Kane
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2021.

(SEAL)
Yucun Zhou

State of _____

County of _____

On this ____ day of _____, 2021, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires: