505606740 08/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5653541

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG DING	08/05/2019
WEI WU	08/05/2019
HANPING DING	08/05/2019
BIN HUA	08/05/2019

RECEIVING PARTY DATA

Name:	BATTELLE ENERGY ALLIANCE, LLC
Street Address:	2525 FREMONT AVENUE
City:	IDAHO FALLS
State/Country:	IDAHO
Postal Code:	83415

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16532276

CORRESPONDENCE DATA

Fax Number:

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: 8015321922

Email: jlclark@traskbritt.com

Correspondent Name: TRASKBRITT / BATTELLE ENERGY ALLIANCE, L

Address Line 1: PO BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

ATTORNEY DOCKET NUMBER:	2939-P14321.1US (BA-1014)	
NAME OF SUBMITTER:	JESSE M. FLORES	
SIGNATURE:	/Jesse M. Flores/	
DATE SIGNED:	08/05/2019	

Total Attachments: 4

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PATENT 505606740 REEL: 049962 FRAME: 0983

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PATENT REEL: 049962 FRAME: 0984

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does:

SELL, ASSIGN AND TRANSFER to Battelle Energy Alliance, LLC (BEA) a Delaware limited liability company, having a principal place of business at 2525 Fremont Avenue, Idaho Falls, Idaho 83415, the entire right, title and interest for the United States and all foreign countries and jurisdictions in any and all inventions and improvements which are disclosed in the Application for United States Letters Patent, Attorney Docket No. BA-1014, entitled METHODS AND SYSTEMS FOR CO-PRODUCING HYDROCARBON PRODUCTS AND AMMONIA, AND RELATED ELECTROCHEMICAL CELLS, such application filed on _08/05/2019 and assigned Serial No. 16/532, 276, such application and all divisionals, continuations, substitutes, renewals, reissues, reexaminations, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries and jurisdictions relating to any of such inventions and improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions on such inventions and improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States:

AUTHORIZE BEA to apply for and receive any and all United States and foreign patents relating to such inventions and improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions and improvements in the name of BEA;

REPRESENT that no assignment, grant, mortgage, license or other agreement or encumbrance inconsistent with the rights and property conveyed by this assignment has been or will be made or entered into by the undersigned, and that the full right to convey the same is possessed by the undersigned, subject to any and all rights retained by the United States Government;

COVENANT to carry out in good faith the intent and purpose of this assignment, to execute all divisionals, continuations, substitutes, renewals, reissues, reexaminations, and all other patent applications relating to any and all such inventions and improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to BEA all facts and provide to BEA all documents and things known and accessible to the undersigned relating to such inventions and improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which BEA shall consider desirable for vesting title to such inventions and improvements in BEA, and to secure, maintain, defend and enforce valid and enforceable patent protection for such inventions and improvements; at the request of BEA and upon prior

PATENT REEL: 049962 FRAME: 0985 written arrangement, BEA may reimburse the undersigned for any burdensome expenses in carrying out the above covenants;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of BEA.

AUTHORIZE AND DIRECT any of the attorneys associated with Customer Number 85013 to insert the serial number and filing date of the application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNORS:

Signed:	Date 8/5/2019.
Printed Name: Dong Ding	/ •
Residing at: <u>Idaho Falls</u> , <u>ID</u>	1
State of Idaho) S.S.	
County of Bonneville)	
A. not	
On this 5 day of Hurbal,	2019 before me personally appeared <u>Dong Ding</u> , known
to me to be the person whose name is subscribed	to the foregoing instrument, and acknowledged to me
that he/she executed the same.	
MAN J. HARROW	1)
S E A L MY COMMISSION EXPRES 7-15-2022 EXPRES 7-15-2022 EXPRES 7-15-2022	de flata
E MY COMMISSION	Notary Public - State of Idaho
A WY COMMISSION	Tyotaly I dolle - State of Idaho
L EXPIRES (1)	My commission expires on
E MY COMMISSION EXPIRES 7-15-2022	
MI COMMON ME CHILIN	
William William	

Signed: / Wei Uller	Date 8/5/201
Printed Name: Wei Wu Residing at: Idaho Falls, ID	,
residing at: <u>radio Fans, 119</u>	
State of Idaho) S.S.	
On this 5 day of August, 2019 1	pefore me personally appeared Wei Wu, known to
On this day of	oregoing instrument, and acknowledged to me that
he/she executed the nation J. HARQUILL	,
On this	A CA CA CA
S E MY COMMISSION EXPIRES 7-15-2022 A L MY COMMISSION EXPIRES 7-15-2022	Notary Public – State of Idaho
A A STATE OF	My commission expires on
MAN SSION NUMBER THE	wy commission expires on
www.	
	88/15/- 0
Signed:	Date
Residing at: Idaho Falls, ID	/
State of Idaho)	
S.S. County of Bonneville)	
- $A +$	
On this day of, 2019 be known to me to be the person whose name is subscribed	efore me personally appeared <u>Hanping Ding</u> , d to the foregoing instrument, and acknowledged
to me that he/she executed the same.	2
MINIMUM AND	XOU OAK
E MILESTARY PURICE.	Notary Public - State of Idaho
S E LINE HAPRES PUBLIC	-/1.112
L MY COMMING 7.15-2022	My commission expires on
THE OF ONE SHIP	
Was SON MONTHING	

BEA Docket No. BA-1014

Signed: Bm Hue	Date	8/5/2019
Printed Name: Bin Hua		•
Residing at: <u>Idaho Falls</u> , <u>ID</u>		
State of Idaho)		
S.S.		
County of Bonneville)		
r 1		
On this day of	pefore me personally appo	eared Bin Hua, known to
me to be the person whose name is subscribed to the fo	regoing instrument, and	acknowledged to me that
he/she executed the Salamary, NOTARY, NOTARY, S. S. S. S. C. COMM.		
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A L CONTORIO		0//1/11
DAHO	My commission expire	s on
WARER 68067 1111111		