

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANIL U. MANE	06/10/2019
DEVIKA CHOUDHURY	04/06/2020
ANGEL YANGUAS-GIL	06/10/2019
DAVID J. MANDIA	06/05/2019
ALIREZA NASSIRI	05/27/2020
JEFFREY W. ELAM	06/24/2019
RECEIVING PARTY DATA	
Name:	UCHICAGO ARGONNE, LLC
Street Address:	5801 SOUTH ELLIS AVENUE
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60637
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16426994
CORRESPONDENCE DATA	
Fax Number:	
<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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Correspondent Name:	MATTHEW E. MARTIN/FOLEY & LARDNER LLP
Address Line 1:	321 N. CLARK STREET
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Address Line 4:	CHICAGO, ILLINOIS 60654
ATTORNEY DOCKET NUMBER:	051583-0876
NAME OF SUBMITTER:	MATTHEW E. MARTIN
SIGNATURE:	/Matthew E. Martin/
DATE SIGNED:	10/13/2022

Total Attachments: 6

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ASSIGNMENT

I, Anil U. Mane of Naperville, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMAL ALD OF MAGNESIUM DIBORIDE "(ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 20, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, I hereby agree that I will without additional compensation but without cost to myself, promptly communicate to said UChicago Argonne, LLC, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

ANIL U. MANE
Printed Name

6/10/19 
Printed Date Signature

Donghyeon Kang
Witness Printed Name

6/10/2019 
Printed Date Witness Signature

ASSIGNMENT

I, Devika Choudhury of Naperville, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMAL ALD OF MAGNESIUM DIBORIDE "(ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 20, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

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DEVIKA CHOUDHURY
Printed Name

04/06/20
Printed Date

Devika Choudhury
Signature

Steven L. Bourneau
Witness Printed Name

4/6/2020
Printed Date

[Signature]
Witness Signature

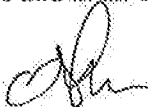
ASSIGNMENT

I, Angel Yanguas-Gil of Northbrook, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMAL ALD OF MAGNESIUM DIBORIDE" (ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 20, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

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ANGEL YANGUAS-GIL
Printed Name

06/10/19
Printed Date


Signature

Daniel Maudle
Witness Printed Name

06/10/2019
Printed Date


Witness Signature

ASSIGNMENT

I, David J. Mandia of Chicago, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMALALD OF MAGNESIUM DIBORIDE "(ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 30, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

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DAVID J. MANDIA
Printed Name

6/5/2019
Printed Date


Signature

Alex Martinson
Witness Printed Name

6/5/19
Printed Date


Witness Signature

ASSIGNMENT

I, Alireza Nassiri of Woodridge, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMAL ALD OF MAGNESIUM DIBORIDE "(ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 20, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

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ALIREZA NASSIRI
Printed Name

5/27/2020
Printed Date

alireza nassiri
Signature

Debbie Krakowski

5/27/2020

Debbie Krakowski

Witness Printed Name

Printed Date

Witness Signature

ASSIGNMENT

I, Jeffrey W. Elam of Elmhurst, IL, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the, "METHODS FOR LOW-TEMPERATURE P-CVD AND THERMAL ALD OF MAGNESIUM DIBORIDE "(ANL-IN-18-128) filed in the U.S. Patent and Trademark Office on May 20, 2019 as Non Provisional Application Serial Number 16/426,994, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

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JEFFREY W. ELAM
Printed Name

6/24/2019
Printed Date


Signature

Vepa Roznyev
Witness Printed Name

6/24/19
Printed Date


Witness Signature