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| PATENT ASSIGNMENT COVER SHEET |
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EPAS ID: PAT7144865

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JIAN XIA | 04/30/2020 |
| KENNETH BRIAN FITCH | 05/01/2020 |
| MARINA YAKOVLEVA | 05/25/2020 |
| WILLIAM ARTHUR GREETER JR. | 05/20/2020 |
| RECEIVING PARTY DATA | |
| Name: | LIVENT USA CORP. |
| Street Address: | 1818 MARKET STREET |
| Internal Address: | SUITE 2550 |
| City: | PHILADELPHIA |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 19103 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17586128 |
| CORRESPONDENCE DATA | |
| Fax Number: | (919)981-4300 |
| <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> | |
| Phone: | 9199814000 |
| Email: | ip@williamsmullen.com |
| Correspondent Name: | F. MICHAEL SAJOVEC |
| Address Line 1: | 301 FAYETTEVILLE ST. |
| Address Line 2: | SUITE #1700 |
| Address Line 4: | RALEIGH, NORTH CAROLINA 27601 |
| ATTORNEY DOCKET NUMBER: | 073396.1390 |
| NAME OF SUBMITTER: | JENNIFER C. ASSENZA |
| SIGNATURE: | /Jennifer C. Assenza/ |
| DATE SIGNED: | 01/27/2022 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 4

source=DecAssignment_JianXia#page1.tif

source=DecAssignment_KennethBrianFitch#page1.tif

source=DecAssignment_MYakovleva#page1.tif

source=DecAssignment_WGreeter#page1.tif

DECLARATION AND ASSIGNMENT FOR SINGLE ASSIGNEE

TITLE OF INVENTION

BATTERY UTILIZING PRINTABLE LITHIUM

As the below named inventor, I hereby declare that:

This declaration is directed to: U.S. Appl. No. 16/573,587, filed on September 17, 2019, which claims priority to U.S. Provisional Appln. No. 62/874,269, filed on July 15, 2019; and U.S. Provisional Appln. No. 62/864,739, filed on June 21, 2019; and is a CIP of 16/359,733 filed on March 20, 2019; which claims priority to U.S. Provisional Appln. No. 62/646,521 filed 03/22/2018; and U.S. Provisional Appln. No. 62/691,819 filed 06/29/2018.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, FMC Lithium USA Corp. (hereinafter referred to as "ASSIGNEE") having a place of business in Philadelphia, Pennsylvania, and a mailing address at 2929 Walnut Street, Philadelphia, Pennsylvania 19104 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

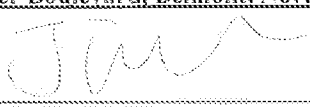
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: Jian Xia

Address: 316 Keener Boulevard, Belmont, North Carolina 28012 (US)

Signature: _____



Date: _____

04/30/2020

PATENT

REEL: 058795 FRAME: 0102

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Legal Name of Inventor: Kenneth Brian Fitch

Address: 3000 Eaker Drive, Cherryville, North Carolina 28021 (US)

Signature: Kenneth Brian Fitch

Date: 5-1-2020

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Legal Name of Inventor: Marina Yakovleva

Address: 1662 Backcreek Lane, Gastonia, North Carolina 28054 (US)

Signature: *M. Yakovleva*

Date: 5-25-2020

PATENT

REEL: 058795 FRAME: 0104

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Legal Name of Inventor: William Arthur Greeter, Jr.

Address: 1513 Laure Alexis Court, Dallas, North Carolina 28034 (US)

Signature: 

Date: 5/20/2020