

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARINA YAKOVLEVA	03/10/2021
JIAN XIA	03/10/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FMC LITHIUM USA CORP.
<b>Street Address:</b>	2929 WALNUT STREET
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17178439
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	ip@williamsmullen.com
<b>Correspondent Name:</b>	F. MICHAEL SAJOVEC C/O WILLIAMS MULLEN IP
<b>Address Line 1:</b>	301 FAYETTEVILLE STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27601
<b>ATTORNEY DOCKET NUMBER:</b>	073396.1320
<b>NAME OF SUBMITTER:</b>	F. MICHAEL SAJOVEC
<b>SIGNATURE:</b>	/F. Michael Sajovec/
<b>DATE SIGNED:</b>	01/03/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b>	
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source=Dec-Assign-Xia-073396-1320#page1.tif	

**DECLARATION AND ASSIGNMENT FOR SINGLE ASSIGNEE**

**TITLE OF INVENTION**

**FAST CHARGING PRE-LITHIATED SILICON ANODE**

As the below named inventor, I hereby declare that:

This declaration is directed to:  The attached application, or  
 United States patent application number 17/178,439 filed  
on February 18, 2021.

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 (US)** 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.

I hereby grant the firm of **WILLIAMS MULLEN, PC** and its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.

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: Marina Yakovleva

Address: 1662 Backcreek Lane, Gastonia, NC 28054

Signature: *M Yakovleva*

Date: March 10th, 2021

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Legal Name of Inventor: Jian Xia

Address: 316 Keener Boulevard, Belmont, NC 28012

Signature:  Date: 03/10/2021

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