#### 506075746 05/26/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6122461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MARINA YAKOVLEVA	05/25/2020
KENNETH BRIAN FITCH	05/01/2020
WILLIAM ARTHUR GREETER JR	05/21/2020
JIAN XIA	04/30/2020

## **RECEIVING PARTY DATA**

Name:	FMC LITHIUM USA CORP.
Street Address:	2929 WALNUT STREET
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

### **PROPERTY NUMBERS Total: 3**

Property Type	Number
Application Number:	16359707
Application Number:	62691819
Application Number:	62646521

# **CORRESPONDENCE DATA**

Fax Number: (703)748-0244

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: 703-760-5200

Email: ip@williamsmullen.com WILLIAMS MULLEN **Correspondent Name:** 

Address Line 1: 8300 GREENSBORO DRIVE

Address Line 2: **SUITE 1100** 

Address Line 4: TYSONS, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	073396.1116
NAME OF SUBMITTER:	GWYN CANTRELL
SIGNATURE:	/Gwyn Cantrell/
DATE SIGNED:	05/26/2020

# **Total Attachments: 4**

source=073396-1116\_Yakovleva\_executed\_Dec\_Asgmt\_2020-05-25#page1.tif source=073396-1116\_Fitch\_executed\_Dec\_Asgmt\_2020-05-01#page1.tif source=073396-1116\_Greeter\_executed\_Dec\_Asgmt\_2020-04-30#page1.tif

source=073396-1116\_Xia\_executed\_Dec\_Asgmt\_2020-05-21#page1.tif

TITLE OF INVENTION	PRINTABLE LITHIUM COMPOSITIONS
As the below named inventor,	
This declaration is directed to:	<ul> <li>□ The attached application, or</li> <li>□ United States patent application number 16/359,707 filed on March 20, 2019; which claims priority to U.S. Provisional Patent Application No. 62/691,819 filed 06/29/2018; and U.S. Provisional Patent Application No. 62/646,521 filed 03/22/2018.</li> </ul>

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, <u>FMC Lithium USA Corp.</u> (hereinafter referred to as "ASSIGNEE") having a place of business in <u>Philadelphia</u>, <u>Pennsylvania</u>, and a mailing address at <u>2929 Walnut Street</u>, <u>Philadelphia</u>, <u>Pennsylvania 19104</u> 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 Yakoyleva	
Address: 1662 Backereel	k Lanc, Gastonia, North Carolina 28054 (US)	
Signature: <u>///</u>	Lahorley Da	e: 5-25-244

TITLE OF INVENTION	PRINTABLE LITHIUM COMPOSITIONS		
As the below named inventor,	l he	reby declare that:	
This declaration is directed to:			

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, <u>FMC Lithium USA Corp.</u> (hereinafter referred to as "ASSIGNEE") having a place of business in <u>Philadelphia</u>, <u>Pennsylvania</u>, and a mailing address at <u>2929 Walnut Street</u>, <u>Philadelphia</u>, <u>Pennsylvania 19104</u> 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: Kenneth Brian Fitch	\$	
Address: 3000 Eaker Drive, Cherryville, North Carolina 28021 (US)		
Signature: Kenniz L. Eric Ftcl	_Date:	5-1-2020

As the below named inventor, I hereby declare that

This declaration is directed to:

United States patent application number 16/359,797 filed on

March 29, 2019, which claims priority to U.S. Provisional Patent

Application No. 62/691,819 filed 06/29/2018; and U.S. Provisional Patent

Application No. 62/646,521 Fiel 03/22/2018.

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 ASSIGNEF 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 ASSIGNEF, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEF, 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 Inve	otor: <b>Yilli</b>	<u>am Arthur Gr</u>	reter, Jr.		
Address: 1414.Land	re Alexie Co	ner Ballas Naer	th Carolina 28034 (US	N .	
**********			**************************************	(A	<b>.</b>
Commission /////				Mate	- 572 1/2020
Comprise Committee Committ					· · · · · · · · · · · · · · · · · · ·

TITLE OF INVENTION	PR	INTABLE LITHIUM COMPOSITIONS
As the below named inventor,	he	reby declare that:
This declaration is directed to:		**
	$\square$	United States patent application number <u>16/359,707</u> filed on
		March 20, 2019; which claims priority to U.S. Provisional Patent
		Application No. <u>62/691,819</u> filed <u>06/29/2018</u> ; and U.S. Provisional Patent
		Application No. <u>62/646,521</u> filed <u>03/22/2018</u> .

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, <u>FMC Lithium USA Corp.</u> (hereinafter referred to as "ASSIGNEE") having a place of business in <u>Philadelphia</u>, <u>Pennsylvania</u>, and a mailing address at <u>2929 Walnut Street</u>, <u>Philadelphia</u>, <u>Pennsylvania 19104</u> 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: Jian Xia			
Address: 316 Keener Boulevard, B	elmont, North Carolina 28012 (US)	_	
Signature:	Date:	04/30/2020	
Signature.	Date.	04/30/2020	

RECORDED: 05/26/2020 REEL: 052751 FRAME: 0854