

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7047032

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUKHVINDER SINGH	05/20/2021
SARA CATHERINE STERLING	08/10/2021
SIMON BRIDGE BARRATT	08/03/2021
PAUL D'HYVER DE LAS DESES	04/14/2021
WANDI LIN	07/15/2021
ROSS JOSEPH PUTTERMAN	07/15/2021
IAN ANTHONY STUART-HOFF	05/17/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FMC CORPORATION
<b>Street Address:</b>	2929 WALNUT STREET
<b>Internal Address:</b>	PATENT DEPT.
<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>
Application Number:	17081263
<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>Phone:</b>	2152995884
<b>Email:</b>	theresa.woodward@fmc.com
<b>Correspondent Name:</b>	/THERESA WOODWARD/
<b>Address Line 1:</b>	2929 WALNUT STREET
<b>Address Line 2:</b>	PATENT DEPT.
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19104
<b>ATTORNEY DOCKET NUMBER:</b>	61423-US
<b>NAME OF SUBMITTER:</b>	/THERESA WOODWARD/
<b>SIGNATURE:</b>	/THERESA WOODWARD/

PATENT

<b>DATE SIGNED:</b>	11/30/2021
<b>Total Attachments: 9</b> source=61423-WO-US-Assignment-Executed#page1.tif source=61423-WO-US-Assignment-Executed#page2.tif source=61423-WO-US-Assignment-Executed#page3.tif source=61423-WO-US-Assignment-Executed#page4.tif source=61423-WO-US-Assignment-Executed#page5.tif source=61423-WO-US-Assignment-Executed#page6.tif source=61423-WO-US-Assignment-Executed#page7.tif source=61423-WO-US-Assignment-Executed#page8.tif source=61423-WO-US-Assignment-Executed#page9.tif	

## **ASSIGNMENT AND POWER OF ATTORNEY**

**WHEREAS**, I/We, Sukhvinder SINGH, Sara Catherine STERLING, Simon Bridge BARRATT, Paul D'HYVER DE LAS DESES, Wandi LIN, Ross Joseph PUTTERMAN, and Ian Anthony STUART-HOFF, have made certain new and useful inventions in **SYSTEMS AND METHODS FOR PEST PRESSURE HEAT MAPS** as described in the United States application number 17/081263, filed on October 27, 2020 and International application number PCT/US21/20805, filed on March 4, 2021.

**WHEREAS**, FMC CORPORATION, a corporation organized under the laws of the State of Delaware and having a place of business at 2929 Walnut Street, Philadelphia, Pennsylvania 19104, United States of America (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the full and exclusive right, title and interest in and to said invention, application and any and all Letters Patent which may be granted thereon.

**NOW, THEREFORE**, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum equivalent of One US Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I/We do hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, the full and exclusive worldwide right, title and interest in and to the aforesaid Invention by the aforesaid patent applications, and all original, continuations, divisionals, substitute, renewals, continuations-in-part; and as to Letters Patent, any reissue, re-examination and/or post-grant proceeding thereof; and to any legal equivalent thereof in any country or jurisdiction whatsoever, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the Invention.

**AND**, I/We hereby covenant and agree to communicate to said ASSIGNEE, its successors and assigns, any facts known to us respecting said invention, and testify whenever requested in any patent office or legal proceeding, sign all lawful papers, execute all additional and divisional applications, make all rightful oaths or declarations, and execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue thereon, and generally do everything possible to aid the said ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for said contribution or invention, including the right to sue for and recover profits and damages for any and all infringements thereof whether past or future in any country or jurisdiction whatsoever, without further compensation, but at the expense of said Corporation, its successors and assigns.

**AND**, I/We hereby authorize and request the Official of any country or jurisdiction, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said ASSIGNEE, as sole assignee.

**AND**, I/We hereby authorize and request ASSIGNEE, and any attorney or agent thereof, to insert the filing date and application number of said application or any other

**AND**, ASSIGNOR hereby irrevocably appoints ASSIGNEE, with full power of substitution, as ASSIGNOR's true and lawful attorney-in-fact in ASSIGNOR's name, place and stead to make, execute, assign, record and file, on Assignor's behalf and for the benefit of ASSIGNEE, such documents confirming ASSIGNEE's ownership and license rights that may be necessary or useful in ASSIGNEE's discretion. This Power of Attorney includes, but is not limited to, applying for, securing, maintaining, reissuing, extending, or defending ASSIGNEE's worldwide rights in the Invention in any country or jurisdiction worldwide, so as to secure to ASSIGNEE the full benefits of the Invention and otherwise to carry into full force and effect the text and the intent of this Assignment. This grant of authority is a special power of attorney coupled with an interest, is irrevocable and shall survive the incapacity of Assignor, may be exercised by any representative of ASSIGNEE on behalf of ASSIGNOR by a facsimile or electronic signature, and shall survive the termination of this Agreement or any other relationship between ASSIGNOR and ASSIGNEE.

**IN TESTIMONY WHEREOF**, I/We hereunto set our hands and seals this

19 Day of July, 2021 City/State/Country: Philadelphia/PA/USA

**ASSIGNEE** - FMC Corporation

Printed Full Name: ROBERTE MAKOWSKI

Title: Assistant Secretary & Chief IP Counsel

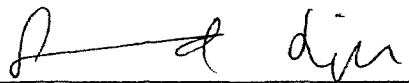
Signature: Roberte Makowski

IN TESTIMONY WHEREOF, I/We hereunto set our hands and seals this

20 Day of May, 2021 City/State/Country: Philadelphia, PA, USA

ASSIGNOR(S) - Inventors

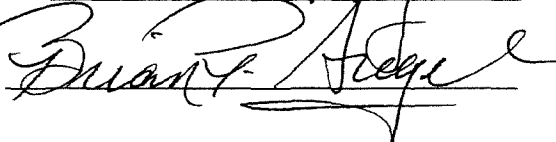
Printed Full Name: Sukhvinder SINGH

Signature: 

IN WITNESS WHEREOF we sign our names:

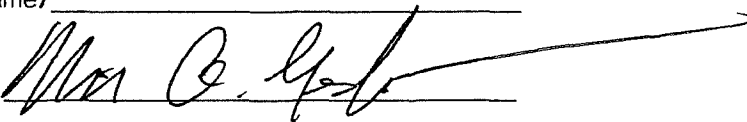
Witness 1:

Printed Name: Brian P. Angelis

Signature: 

Witness 2:

Printed Name: KENNETH A. GEDAIKA

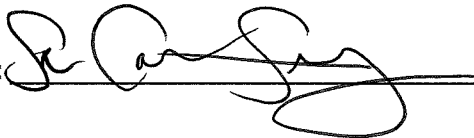
Signature: 

IN TESTIMONY WHEREOF, I/We hereunto set our hands and seals this

10 Day of August, 2021 City/State/Country: Philadelphia, PA

**ASSIGNOR(S)** - Inventors

Printed Full Name: **Sara Catherine STERLING**

Signature: 

IN WITNESS WHEREOF we sign our names:

Witness 1:

Printed Name: David Rieth

Signature: 

Witness 2:

Printed Name: Sara Klemowitz

Signature: 

IN TESTIMONY WHEREOF, I/We hereunto set our hands and seals this

3 Day of AUGUST, 2021 City/State/Country: PHILADELPHIA, PA, USA

**ASSIGNOR(S)** - Inventors

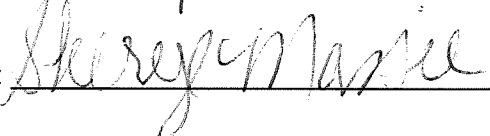
Printed Full Name: **Simon Bridge BARRATT**

Signature: 

IN WITNESS WHEREOF we sign our names:

Witness 1:

Printed Name: Sheryl Massie

Signature: 

Witness 2:

Printed Name: THERESA WOODWARD

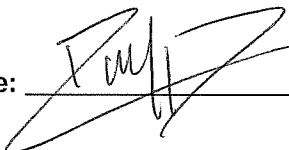
Signature: 

IN TESTIMONY WHEREOF, I/We hereunto set our hands and seals this

14<sup>th</sup> Day of April, 2021 City/State/Country: Cincinnati, Ohio

**ASSIGNOR(S)** - Inventors

Printed Full Name: **Paul D'HYVER DE LAS DESES**

Signature: 

IN WITNESS WHEREOF we sign our names:

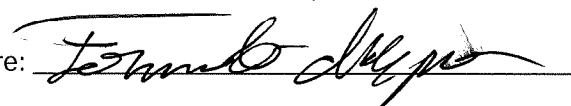
Witness 1:

Printed Name: Maricris Tornado

Signature: 

Witness 2:

Printed Name: Fernando dHyver

Signature: 



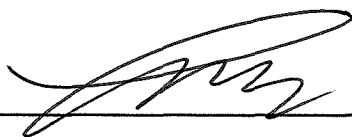
**IN TESTIMONY WHEREOF**, I/We hereunto set our hands and seals this

15 Day of July, 2021 City/State/Country: Mason, OH, U.S.A

**ASSIGNOR(S)** - Inventors

**Printed Full Name:** Wandl LIN

**Signature:** \_\_\_\_\_

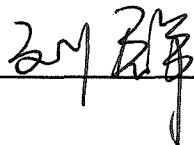


**IN WITNESS WHEREOF** we sign our names:

**Witness 1:**

**Printed Name:** QUN LIU

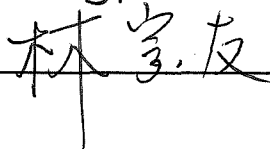
**Signature:** \_\_\_\_\_



**Witness 2:**

**Printed Name:** Zongyong LIN

**Signature:** \_\_\_\_\_



IN TESTIMONY WHEREOF, I/We hereunto set our hands and seals this

15 Day of July, 2021 City/State/Country: Chicago, Illinois, USA

**ASSIGNOR(S)** - Inventors

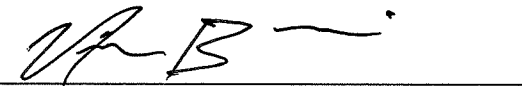
Printed Full Name: Ross Joseph PUTTERMAN

Signature: 

IN WITNESS WHEREOF we sign our names:

Witness 1:

Printed Name: Nicole Barresi

Signature: 

Witness 2:

Printed Name: MARIANA LINHARES DA CUNHA

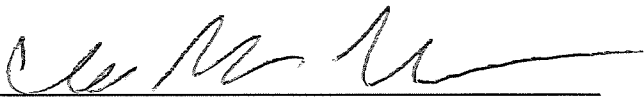
Signature: Mariana Linhares

**IN TESTIMONY WHEREOF**, I/We hereunto set our hands and seals this

17 Day of May, 2021 City/State/Country: Chicago, IL 60657

**ASSIGNOR(S)** - Inventors

**Printed Full Name:** Ian Anthony STUART-HOFF

**Signature:** 

**IN WITNESS WHEREOF** we sign our names:

Witness 1:

**Printed Name:** Emily Stuart-Hoff

**Signature:** 

Witness 2:

**Printed Name:** Mark Novak

**Signature:** 