

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4398860

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL H. KRUMRINE III	06/27/2013
JAMES S. FALCONE JR	07/01/2013
MICHAEL LEFENFELD	06/27/2013
RECEIVING PARTY DATA	
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Internal Address:	22ND FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15586691
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ATTORNEY DOCKET NUMBER:	021.0028-US01
NAME OF SUBMITTER:	AARON M. RAPHAEL
SIGNATURE:	/Aaron M. Raphael, Reg. No. 47,885/
DATE SIGNED:	05/04/2017
Total Attachments: 6	
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source=2017-05-04_Executed_Assignment#page5.tif
source=2017-05-04_Executed_Assignment#page6.tif

☒ ***United States of America rights, title and interest in the invention***
☒ ***Foreign rights, title and interest in the invention***
☒ ***United States Patent Application Serial No. 13/926,891***
Date of Execution: _____ Date of Filing: 06/25/2013
☐ ***United States Provisional Patent Application Serial No. _____***
☐ ***United States Patent No(s). _____***
☒ ***International (PCT) Patent Application Serial No. PCT/US13/47665***
☐ ***Other (specify): _____***

USE OF METAL SILICIDES IN HYDROCARBON PRODUCTION AND TRANSPORTATION

Name	Address
Paul H. KRUMRINE III	8 Raubenstine Road, Hanover, PA 17331
James S. FALCONE, JR	667 Monet Acres Street, Palm Beach Gardens, FL 33410
Michael LEFENFELD	20 West 64 th Street, Apt. 40v, New York, NY 10023

Name	Address
SiGNa Chemistry, Inc.	445 Park Avenue, Suite 1036, New York, NY 10022

WHEREAS, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and /or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;

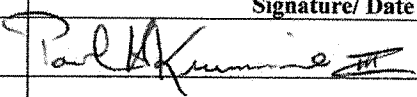
We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuation-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of LUCAS & MERCANTI, L.L.P., 475 Park Avenue South, New York, New York, 10016, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

Inventors' Signatures:

Name	Signature/ Date
Paul H. KRUMRINE III	 6/27/13
James S. FALCONE, JR	
Michael LEFENFELD	

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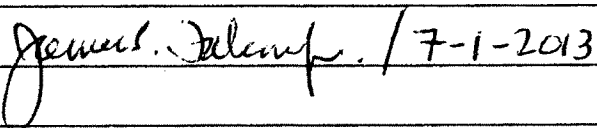
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Inventors' Signatures:

Name	Signature/ Date
Paul H. KRUMRINE III	
James S. FALCONE, JR	
Michael LEFENFELD	

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION
--

This is an assignment of the following rights, title and interest (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
- ☒ *Foreign rights, title and interest in the invention*
- ☒ *United States Patent Application Serial No. 13/926,891*
Date of Execution: _____ Date of Filing: 06/25/2013
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- ☐ *United States Patent No(s). _____*
- ☒ *International (PCT) Patent Application Serial No. PCT/US13/47665*
- ☐ *Other (specify): _____*

Title of the Invention:

USE OF METAL SILICIDES IN HYDROCARBON PRODUCTION AND TRANSPORTATION
--

Inventors (assignors):

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Michael LEFENFELD	<i>M Lefenfeld</i> 6/27/13