

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3689625

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN FRANCIS QUANCI	09/08/2015
SYED AHMED	10/06/2015
JAKE SARPEN	09/08/2015
JONATHAN PERKINS	09/18/2015
JEFF WOZEK	08/26/2015
RECEIVING PARTY DATA	
Name:	SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC.
Street Address:	1011 WARRENVILLE ROAD 6TH FLOOR
City:	LISLE
State/Country:	ILLINOIS
Postal Code:	60532
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	14984489
Application Number:	14983837
Application Number:	14986281
CORRESPONDENCE DATA	
Fax Number:	(206)359-7198
<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>	
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Correspondent Name:	PERKINS COIE LLP
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ATTORNEY DOCKET NUMBER:	084553-8032US1, US2, US3
NAME OF SUBMITTER:	TORI ASHFORD-DOWNING
SIGNATURE:	/Tori Ashford-Downing/
DATE SIGNED:	01/11/2016

Total Attachments: 8

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ASSIGNMENT BY INVENTOR

This Assignment is by the following individuals (the "Assignors"):

- John Francis Quanci, having a mailing address of 305 Mount Vernon Ave, Haddonfield, NJ 08033
- Syed Ahmed, having a mailing address of 2258 Halsted Ln., Aurora, IL 60503
- Jake Sarpen, having a mailing address of 1011 Warrenville Road 6th Floor, Lisle, IL 60532
- Jonathan Perkins, having a mailing address of 1011 Warrenville Road, 6th Floor, Lisle, IL 60532
- Jeff Wozek, having a mailing address of 1011 Warrenville Road, 6th Floor, Lisle, IL 60532

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled MULTI-MODAL BEDS OF COKING MATERIAL, and filed on December 31, 2014 as U.S. Provisional Application No. 62/098,935 (the "Application").

SunCoke Technology and Development LLC., a Corporation of Delaware having its principal place of business at 1011 Warrenville Road 6th Floor, Lisle, IL 60532 (the "Assignee"), desire to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledges, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights").

Assignor warrants that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

For Assignor/Inventor John Francis Quanci:

Date: 9/16/15 Signature John F. Quanci
John Francis Quanci

United States of America)
State of Illinois) ss.
County of Willard)

On this 16th day of September, 2015 before me personally came John Francis Quanci, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
Notary Public



For Assignor/Inventor Syed Ahmed:

Date: 10/6/15 Signature *Syed Ahmed*
Syed Ahmed

United States of America)
State of Illinois) ss.
County of DeKalb)

On this 6th day of October, 2015 before me personally came Syed Ahmed, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
Notary Public



For Assignor/Inventor Jake Sarpen:

Date: 9/8/16 Signature *Jake Sarpen*
Jake Sarpen

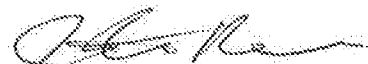
United States of America)
State of Illinois) ss.
County of Willard)

On this 8th day of September, 2016 before me personally came Jake Sarpen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rita M. Slager
Notary Public



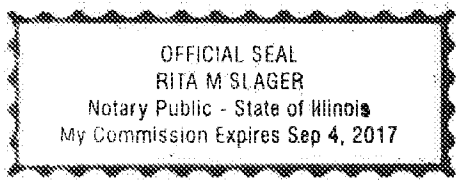
For Assignor/Inventor Jonathan Perkins:

Date: 9/18/15 Signature 
Jonathan Perkins

United States of America)
State of Illinois) ss.
County of Madison)

On this 18th day of September, 2015 before me personally came Jonathan Perkins, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



For Assignor/Inventor Jeff Wozek:

Date: 8-26-15

Signature

Jeffrey S. Wozek
Jeff Wozek

United States of America)
State of Illinois) ss.
County of Putnam)

On this 26th day of August, 2015 before me personally came Jeff Wozek, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public



For Assignee SunCoke Technology and Development LLC:

Date: 9/21/15

Signature

John F. Quanci
Authorized Signer

John Francis Quanci
Authorized Signer – Printed Name

Vice President, Engineering and
Technology
Authorized Signer – Title