

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2717818

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>GARY DEAN WEST</td> <td>01/10/2014</td> </tr> <tr> <td>JOHN FRANCIS QUANCI</td> <td>01/02/2014</td> </tr> </tbody> </table>		Name	Execution Date	GARY DEAN WEST	01/10/2014	JOHN FRANCIS QUANCI	01/02/2014				
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GARY DEAN WEST	01/10/2014										
JOHN FRANCIS QUANCI	01/02/2014										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC</td> </tr> <tr> <td>Street Address:</td> <td>1011 WARRENVILLE ROAD 6TH FLOOR</td> </tr> <tr> <td>City:</td> <td>LISLE</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60532</td> </tr> </table>		Name:	SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC	Street Address:	1011 WARRENVILLE ROAD 6TH FLOOR	City:	LISLE	State/Country:	ILLINOIS	Postal Code:	60532
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	(206)359-7198										
Phone:	206-359-8000										
Email:	assignmentconfirmations@perkinscoie.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	PERKINS COIE LLP										
Address Line 1:	P.O. BOX 1247										
Address Line 4:	SEATTLE, WASHINGTON 98111-1247										
ATTORNEY DOCKET NUMBER:	84553-8024.US00										
NAME OF SUBMITTER:	CARLY EYLER										
Signature:	/Carly Eyler/										
Date:	02/07/2014										

Total Attachments: 5

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ASSIGNMENT BY INVENTOR

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

- Gary Dean West, having a mailing address of 1011 Warrenville Road 6th Floor, Lisle, IL 60532
- John Francis Quanci, having a mailing address of 1011 Warrenville Road 6th Floor, Lisle, IL 60532

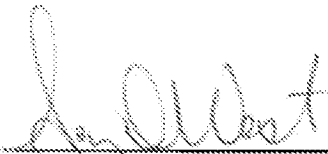
The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled HORIZONTAL HEAT RECOVERY COKE OVENS HAVING MONOLITH CROWNS, and filed on March 14, 2013 as U.S. Application No. 13/829,588 (the "Application").

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.

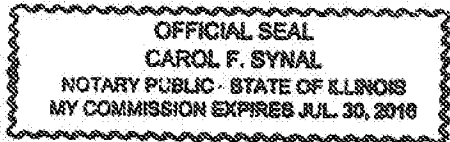
For Assignor/Inventor Gary Dean West:

Date: 1-10-14 Signature 
Gary Dean West

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

On this 10th day of January, 2014 before me personally came Gary Dean West, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



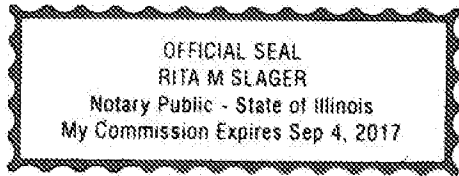
For Assignor/Inventor John Francis Quanci:

Date: 1/14/14 Signature John F. Quanci
John Francis Quanci

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

On this 14th day of January, 2014 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 Assignee SunCoke Technology and Development LLC:

Date: 1/21/14

Signature

John F. Quaresima
Authorized Signer

John Francis Quaresima
Authorized Signer - Printed Name

VP Engineering & Technology
Authorized Signer - Title