

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RICHARD E. LUCAS	10/21/2014
RECEIVING PARTY DATA		
Name:	BP CORPORATION NORTH AMERICA INC.	
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City:	HOUSTON	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14400566
CORRESPONDENCE DATA		
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<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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ATTORNEY DOCKET NUMBER:	500105	
NAME OF SUBMITTER:	BERNADETTE Y. HARPER	
SIGNATURE:	/Bernadette Y. Harper/	
DATE SIGNED:	11/12/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, I, Richard E. Lucas, of US nationality and residing in the United States, have made an invention relating to "Automated Batch Control of Delayed Coker," filed on May 11, 2012, under US Patent Application No. 61/646,021 (hereinafter the "Invention");

WHEREAS I, Richard E. Lucas, when contributing to said Invention, was employed by BP PRODUCTS NORTH AMERICA INC., a company organized under the laws of the State of Maryland, United States;

WHEREAS I, Richard E. Lucas, acknowledge that all rights in said Invention and the right to file patent applications therefor in any and all countries of the world and to any and all patent applications therefor and any Letters Patent which may be issued thereupon in any and all countries of the world have vested in BP PRODUCTS NORTH AMERICA INC. by contract of employment or through application of law; and

WHEREAS it is the wish of all the parties that the entire right, title and interest in, to and under the said Invention and the right to file patent applications therefor in any and all countries of the world, and all patent applications therefor in the United States and all other countries of the world, and any and all Letters Patent which may be issued thereupon in the United States and all other countries of the world, shall vest in BP CORPORATION NORTH AMERICA INC., a corporation organized under the laws of the State of Indiana, United States;

NOW THEREFORE, to the extent that specific assignment of the Invention and the right to file patent applications therefor in any country of the world is needed for the purpose of recording or registration in any patent office, industrial property office or like governmental authority, WE, the said Richard E. Lucas and BP PRODUCTS NORTH AMERICA INC., for valuable consideration, the receipt and adequacy of which we hereby acknowledge, agree to sell, assign, transfer and set over, and by these presents do hereby sell, assign, transfer and set over, unto BP CORPORATION NORTH AMERICA INC., their successors and assigns, and BP CORPORATION NORTH AMERICA INC. agrees to accept and hereby does accept, the entire right, title and interest in, to and under the said Invention, including priority rights and the right to file patent applications therefor in any and all countries of the world, and the right to claim priority from any patent application (including but not limited to US patent application number 61/646,021) for said Invention in any country of the world, and any and all patent applications (including but not limited to US patent application number 61/646,021) and Letters Patent for said Invention in the United States and all other countries of the world, and all divisions, renewals and continuations thereof, and all reissues and extensions thereof, with effect from May 11, 2012;

And WE hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute any agreement or other instrument in conflict herewith.

And WE hereby further covenant and agree that we will communicate to the assignees herein, their successors, legal representatives and assigns any facts known to us respecting said Invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, renewal, reissue and

extension applications, make all rightful declarations, and generally do everything possible to aid the assignees herein, their successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said Invention in the United States and all other countries of the world.

Dated: 10-21-14 Richard E. Lucas
Richard E. Lucas
Aaron M. Altman
Witnessed
Aaron M. Altman
Print Name

Agreed for BP AMERICA PRODUCTION COMPANY:

Dated: 10/30/14 By: [Signature]
James J. Trussell
Print Name
Vice President
Title

Accepted for BP CORPORATION NORTH AMERICA INC.:

Dated: 10/31/14 By: [Signature]
James J. Trussell
Print Name
Vice President
Title