

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KANG FU	04/16/2019
BP AMERICA PRODUCTION COMPANY	05/22/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BP CORPORATION NORTH AMERICA INC.
<b>Street Address:</b>	501 WESTLAKE PARK BLVD.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77469
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16812879
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	501327
<b>NAME OF SUBMITTER:</b>	ROBERT HSIAO
<b>SIGNATURE:</b>	/Robert Hsiao/
<b>DATE SIGNED:</b>	03/09/2020
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, I, Kang FU, of Chinese nationality and residing in, Katy, Texas, United States, have made an invention relating to 'Signal Recovery During Simultaneous Source Deblending and Separation' filed on 15 March 2019, under US Patent Application No. 62/819145 (hereinafter the "Invention");

WHEREAS, I, Kang FU, when contributing to said Invention and improvements thereto was employed by BP AMERICA PRODUCTION COMPANY, which has a registered office at 1209 Orange Street, Wilmington, Delaware 19801, United States, with corporate number 36-2347240, and having an official place of business at 150 West Warrenville Road, Naperville, Illinois 60563, United States;

WHEREAS it is the wish of all the parties that the entire right, title and interest in, to and under the said Invention and any improvements thereon and the right to file patent applications therefor in any and all countries of the world any, 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 solely in BP CORPORATION NORTH AMERICA INC., which has a registered office at 159 West Market Street, Suite 800, Indianapolis, Indiana 46204, United States, with corporate number 36-1812780, and having an official place of business at 501 Westlake Park Boulevard, Houston, Texas 77079, United States;

NOW THEREFORE, to the extent that specific assignment of the invention and/or improvements thereon 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 KANG FU and BP AMERICA PRODUCTION COMPANY, 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., its 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 and any improvements thereon 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 No. 62/819145 for said Invention and any improvements thereon in any country of the world, and any and all patent applications (including but not limited to US Patent Application No. 62/819145) and Letters Patent for said Invention and improvements 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 15 March 2019.

And I 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 I hereby further covenant and agree that I will communicate to the assignee herein, its 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 assignee herein, its 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: April 16, 2019 [Signature] Chandan K.  
 KANG FU Witnessed  
 CHANDAN KUMAR  
 Print Name

Agreed for BP AMERICA PRODUCTION COMPANY:

Dated: 5/22/19

(signed)

K. Reed

(print name)

Karan Reed

Accepted for BP CORPORATION NORTH AMERICA INC.:

Dated: 5/22/19

(signed)

K. Reed

(print name)

Karan Reed