

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAPANTOSH CHAKRABARTY	03/20/2014
WENQIANG HAN	03/20/2014
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14480105
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SIGNATURE:	/Annora A. Bell/
DATE SIGNED:	09/24/2014
Total Attachments: 2	
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source=2013EM349-US-20140923-Assignment-INVtoIORL#page2.tif	

ASSIGNMENT

"We":

CHAKRABARTY, Tapantosh
40 Edcath Road NW
Calgary, Alberta T3A 4A1
Canada

HAN, Wenqiang
214 Bermuda Drive NW
Calgary, Alberta T3K 2A9
Canada

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to:

IMPERIAL OIL RESOURCES LIMITED
3535 Research Road N.W.
Calgary, Alberta, T2L 2K8
Canada

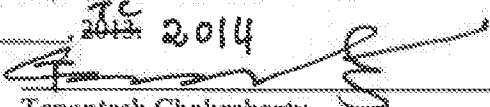
all our right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the inventions and improvements that are disclosed in Canadian Patent Application No. 2,836,528 filed at the Canadian Intellectual Property Office 3 December 2013, relating to, and entitled:

CYCLIC SOLVENT HYDROCARBON RECOVERY PROCESS USING AN ADVANCE- RETREAT MOVEMENT OF THE INJECTANT

and to any application for patent claiming priority therefrom, and to all our corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above application.

We agree to co-operate in obtaining the above-mentioned patent protection, and to execute such documents as may be required to file the above-mentioned applications, and secure the above-mentioned patents, in the name of the assignee, or its successors in title.

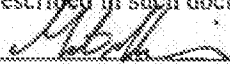
We authorize the firm of Borden Ladner Gervais to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

SIGNED at Calgary, Alberta, Canada
This 20th day of March, 2014

Tapantosh Chakrabarty

STATEMENT BY WITNESS

I, Hamed Reza Motahharian whose full post office address is
(Name of Witness)
3535 Research Rd. NW, Calgary, AB, Canada

was personally present and did see Tapantosh Chakrabarty execute the within assignment and such assignor is personally known to me to the person described in such document.

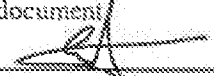

(Signature of Witness)

SIGNED at Calgary, Alberta, Canada
This 20th day of March, 2014
24 Wenqiang Han
Wenqiang Han

STATEMENT BY WITNESS

I, Ernesto Dela Rosa whose full post office address is
(Name of Witness)
3535 Research Road NW Calgary, AB, Canada T2L 2K8

was personally present and did see Wenqiang Han execute the within assignment and such assignor is personally known to me to the person described in such document.


(Signature of Witness)