

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Gordon Gongngai Low</td> <td>04/22/2013</td> </tr> <tr> <td>Michael Glenn Hunter</td> <td>04/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Gordon Gongngai Low	04/22/2013	Michael Glenn Hunter	04/22/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Haldor Topsoe A/S</td> </tr> <tr> <td>Street Address:</td> <td>Nymollevej 55</td> </tr> <tr> <td>City:</td> <td>Kgs. Lyngby</td> </tr> <tr> <td>State/Country:</td> <td>DENMARK</td> </tr> <tr> <td>Postal Code:</td> <td>DK-2800</td> </tr> </table>		Name:	Haldor Topsoe A/S	Street Address:	Nymollevej 55	City:	Kgs. Lyngby	State/Country:	DENMARK	Postal Code:	DK-2800
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2024202201 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-420-2200 Email: proctord@dicksteinshapiro.com Correspondent Name: DICKSTEIN SHAPIRO LLP Address Line 1: 1825 EYE STREET NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20006-5403</p>											
ATTORNEY DOCKET NUMBER:	H0610.0548/P548										
NAME OF SUBMITTER:	Deborah J. Proctor										
Signature:	/DJP/										
Date:	05/24/2013										

OP \$40.00 13880356

Total Attachments: 4

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Gordon Gongngai LOW and Michael Glenn HUNTER (hereinafter referred to as Assignor(s)), residing at 13652 Tea House Street Santa Ana , California 92705 USA and 7543 East Crown Parkway , Orange, California 92867 , USA (respectively)

WHEREAS, Assignor has invented certain new and useful improvements in "Process for hydrocracking a hydrocarbon feedstock", set forth in a Patent application for Letters Patent of the United States:

☐ executed on even date herewith; or

☒ filed on April 18, 2013 as Application No. 13/880,356; and

WHEREAS, Haldor Topsoe A/S, a corporation organized under and pursuant to the laws of Denmark having a place of business at Nymøllevej 55, DK-2800 Kgs. Lyngby, DENMARK (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and

continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any

proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DICKSTEIN SHAPIRO LLP

All practitioners at Customer Number 24998

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

April 22, 2013
Date

Gordon Gongngai Low
Gordon Gongngai LOW

Witness: Raj Patel

April 22, 2013
Date

Michael Glenn Hunter
Michael Glenn HUNTER

Witness: Raj Patel