

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MR&E, Ltd.	05/22/2013
RECEIVING PARTY DATA	
Name:	National Institute of Clean and Low-Carbon Energy (NICE)
Street Address:	P.O. Box 001 Shenhua NICE
Internal Address:	Future Science & Technology City
City:	Changping District, Beijing
State/Country:	CHINA
Postal Code:	102209
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	13152878
Application Number:	13180757
Patent Number:	8197678
CORRESPONDENCE DATA	
Fax Number:	4192559639
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NAME OF SUBMITTER:	Ted C. Gillespie
Signature:	/Ted C. Gillespie/

Date:

07/03/2013

Total Attachments: 2

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ASSIGNMENT

WHEREAS, MR&E, Ltd., 228 W. Third St., Perrysburg, OH 43551, is the owner
of the following granted patents and pending patent applications:

MST Case Number	Country	Status	Title	Application Number	Filing Date	Patent Number
29857	US	Published	COMBUSTION OF COAL-BASED LEAN FUEL	13/180757	12-Jul-2011	
29857	WO	Published	COMBUSTION OF COAL-BASED LEAN FUEL	US12/044880	29-Jun-2012	
29870	CN	Published	REFINING CDL WASTE STREAM FROM COAL PROCESS	0810171006.X	31-Oct-2008	
52894	US	Granted	COAL-DERIVED LIQUID FOR CRESYLIC ACID PRODUCTION	13/069870	23-Mar-2011	8197678
52895	US	Published	COAL UPGRADING NO LIQUIDS	13/152878	03-Jun-2011	
52895	WO	Published	COAL UPGRADING NO LIQUIDS	US12/039598	25-May-2012	

And, WHEREAS, National Institute of Clean and Low-Carbon Energy (NICE), P.O. Box 001 Shenhua NICE, Future Science & Technology City, Changping District, Beijing 102209, P. R. China (hereinafter, "Company"), desires to acquire the entire interest in and to the above-identified granted patents and pending patent applications;

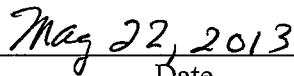
THEREFORE, to all whom it may concern, know that, in consideration for the sum of One Dollar (\$1.00) and other valuable consideration paid to MR&E, Ltd., the receipt of which is acknowledged, MR&E, Ltd. now sells, assigns and transfers to the Company, or its successors or assigns, the entire right, title and interest in and to the above-identified granted patents and pending patent applications, including any continuation, divisional and

continuation-in-part applications derived from the pending patent applications, in the United States and all foreign countries, including the right of priority under the International Convention of 1883 and its later modifications. MR&E, Ltd. requests the Commissioner of Patents and Trademarks of the United States to record this assignment in the assignment records of the Patent and Trademark Office.

MR&E Ltd. agrees to execute any and all further documents required by the Company, its successors or assigns, for the prosecution of the pending patent applications, or of any non-provisional, divisional, continuation, continuation-in-part, reissue, or reexamination of the pending patent applications, and also any further documents required by the Company its successors or assigns to more fully vest in itself the entire right, title, and interest to the invention or to any further application or patent that may be filed or secured on the invention.



Deane A. Horne, Ph.D, President



Date