# 505896634 02/03/2020 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYAN	CE:	ASSIGNMENT				
CONVEYING PARTY DA	ТА					
		Name	Execution Date			
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YIZHI XIANG			01/17/2019			
JOHN MATSUBU			01/17/2019			
JUNJUN SHAN			01/17/2019			
JIHONG CHENG			01/17/2019			
QI SUN			01/17/2019			
LISA NGUYEN			01/17/2019			
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PROPERTY NUMBERS	Total: 1					
Property Type		Number	7			
Application Number:		16728654	-			
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			PATENT			

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DATE SIGNED:	02/03/2020				
Total Attachments: 8					
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#### ASSIGNMENT

Hui Wang, a citizen of China and having an address of 2091 Stierlin Ct., Mountain View, CA 94043 USA, Yizhi Xiang, a citizen of P.R. China and having an address of 2091 Stierlin Ct., Mountain View, CA 94043 USA, John Matsubu, a citizen of the United States of America and having an address of 2091 Stierlin Ct., Mountain View, CA 94043 USA, Junjun Shan, a citizen of P.R. China and having an address of 2091 Stierlin Ct., Mountain View, CA 94043 USA; Jihong Cheng, a citizen of the United States of America and having an address of 2091 Stierlin Ct., Mountain View, CA 94043 USA, Qi Sun, a citizen of the United States of America and having an address of Shenhua Low Carbon 001# Postbox, Future Science & Technology Park, Changping District, Beijing, P.R. China, 102209, and Lisa Nguyen, a citizen of the United States of America and having an address of 2091 Stierlin Ct. Mountain View, CA 94043 USA, (all of the foregoing hereafter jointly and severally referred to as the "undersigned") are the inventors of

#### METHOD FOR AROMATIZATION OF LIGHT ALKANES,

for which the undersigned has executed an application for United States Letters Patent, U.S. Patent Application No. 16/728,654, filed December 27, 2019.

China Energy Investment Corporation Limited, a company having a principal place of business at 22 Xibinhe Road, Dongcheng District, Beijing, P.R. China 100011 and National Institute of Clean-and-Low-Carbon Energy, an institute, having a principal place of business at Shenhua Low Carbon 001# Postbox, Future Science & Technology Park, Changping District, Beijing, P.R. China 102209, (both of the above in this paragraph hereafter referred to together as the "assignees") are desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound and to the extent that

the undersigned are subject to a prior agreement transferring rights, title, and/or interest in said invention to the assignces, do hereby confirm such transfer.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign, and transfer to assignees and assignees' successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignees, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

	EXECUTED under seal on this	1	day c	)f(l	znitavij.	 2020
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Witness:

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Witness:

Yizhi Xiang Yizhi Xiang

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EXECU	JTED under seal on t	his	day of _	Januari	, 2020
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at	Chin n 2				
(Place)					

Witness:

John Matsubu John Matsubu

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EXECUTED under seal on this	_ day of, 2020
at China	J
(Place)	

Witness:

Junjun Shan\_\_\_\_\_ Junjun Shan

(Although not mandatory, if possible, please subscribe appropriate notarization and obtain APOSTILLE)

	EXECUTED under seal	on this	day of	January	, 2	1020
at	China		,	0		
$(\mathbf{P})$	ace)					

Witness:

Jihong Cheng Jihong Cheng

(Although not mandatory, if possible, please subscribe appropriate notarization and obtain APOSTILLE)

	EXECUTED under seal on this	day of <u>Januay</u>	, 2020
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		Qi Sin	

Qi Sun

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EXECUTED under seal on this index of January , 2020 at China. . (Place)

Witness:

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### PATENT REEL: 051782 FRAME: 0024

**RECORDED: 02/03/2020**