506751987 07/06/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	АТА			
		Name		Execution Date
UJJAL MUKHERJEE			04/20/2021	
PEDRO SANTOS				04/28/2021
RONALD VENNER				04/20/2021
KANDASAMY SUNDAR	AM			04/22/2021
RECEIVING PARTY DA	ТА			
Name:	LUMMU	IS TECHNOLOGY LLC		
Street Address:	1515 BF	ROAD ST		
City:	BLOOM	FIELD		
State/Country:	NEW JE	RSEY		
Postal Code:	07003-3			
Property Type		Number		
Application Number:		62819229		
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17421-203WO1

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Lummus Technology LLC

having the following address:

1515 Broad St Bloomfield, NJ 07003-3096

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title (referred to herein as "INVENTION"):

CONFIGURATION FOR OLEFINS PRODUCTION

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.



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IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned INVENTOR(S) on the date appearing by such individual's signature:

April 20, 2021 Date	1 st Inventor Signature: Print or Type Name:	Ujjal MUKHERJEE
Date	3 rd Inventor Signature: Print or Type Name:	Pedro SANTOS
Date	9 th Inventor Signature: Print or Type Name:	Kandasamy SUNDARAM
Date	11 th Inventor Signature: Print or Type Name:	Ronald VENNER

When this Assignment is not filed concurrently with the patent application,
the following identifying information may be added after execution:U.S. Application Serial No.:62/819,229Filing Date:March 15, 2019PATENT

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Intellectual Property Law

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X0	1 st Inventor Signature:	
Date	Print or Type Name:	Ujjal MUKHERJEE
<u>4 - 28 - 209 - 1</u> Date	3 rd Inventor Signature: Print or Type Name:	Pedro SANTOS
	9th Inventor Signature:	
Date	Print or Type Name:	Kandasamy SUNDARAM
	11th Inventor Signature:	
Date	Print or Type Name:	Ronald VENNER

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

U.S. Application Serial No.: 62/819,229 Filing Date: March 15, 2019



17421-203WO1

PATENT REEL: 056766 FRAME: 0541

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Date	Print or Type Name:	Pedro SANTOS
04/22/2021	9 th Inventor Signature	the meending Cundomen.
Date	Print or Type Name:	Kandasamy SUNDARAM
	11 th Inventor Signature:	
Date	Print or Type Name:	Ronald VENNER

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

S.

U.S. Application Serial No.: 62/819,229 Filing Date: March 15, 2019



17421-203WO1

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<u>26_A/202_</u> Date	11 th Inventor Signature: Print or Type Name:	<u> </u>

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U.S. Application Serial No.: 62/819,229 Filing Date: March 15, 2019

RECORDED: 07/06/2021