

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER DANIEL KUZMA JR.	09/11/2013
STEPHEN DE HAAN	09/12/2013
DANIEL LEE BAUMBACH	09/12/2013
RECEIVING PARTY DATA	
Name:	LUMMUS TECHNOLOGY INC.
Street Address:	1515 BROAD STREET
City:	BLOOMFIELD
State/Country:	NEW JERSEY
Postal Code:	07003-3096
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14069758
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ATTORNEY DOCKET NUMBER:	17421/141002
NAME OF SUBMITTER:	JEFFREY S. BERGMAN
Signature:	/Jeffrey S. Bergman/

Date:	11/01/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=17421141002assignment#page1.tif source=17421141002assignment#page2.tif	

DECLARATION AND ASSIGNMENT – WORLDWIDE

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented:

☐ The attached application to be filed as a United States application or PCT international application, or

☐ United States application or PCT international application number 14/069,758 filed on 11/1/2013; and, entitled:

RECOVERY OF ETHYLENE FROM METHANOL TO OLEFINS PROCESS

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

LUMMUS TECHNOLOGY INC.

having the following address:

**1515 Broad Street
Bloomfield, New Jersey 07003-3096**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention described in the patent application identified above (referred to herein as "INVENTION"), 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;

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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.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature.

7/11/13
Date

1st Inventor Signature: _____

Print or Type Name: Peter Daniel Kuzma, Jr.

9/12/13
Date

2nd Inventor Signature: _____

Print or Type Name: Stephen De Haan

9/12/2013
Date

3rd Inventor Signature: _____

Print or Type Name: Daniel Lee Baumbach

This Assignment may be signed before either:
(a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below:

NOTARY PUBLIC	State of <u>NEW JERSEY</u> County of <u>ESSEX</u>
	Before me personally appeared: <u>Peter Daniel Kuzma, Jr.</u> <u>Stephen De Haan</u> <u>Daniel LEE BAUMBACH</u> each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment
WITNESSES	Dated: <u>9/12/13</u> <u>Catherine M. Loreto</u> Notary Public My commission expires: _____
	Signature of Witness: _____ Date _____ Print or Type Name: _____ Signature of Witness: _____ Date _____ Print or Type Name: _____

CATHERINE M. LORETO
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 24, 2018