

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4190353

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NARASIMHAN SUNDARAM	11/21/2016
HANS THOMANN	12/09/2016
EDWARD W. CORCORAN JR	11/01/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
<b>Street Address:</b>	1545 ROUTE 22 EAST
<b>Internal Address:</b>	P.O. BOX 900
<b>City:</b>	ANNANDALE
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08801-0900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15339972
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)335-3649
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	908-335-3202
<b>Email:</b>	jocelyn.k.justice@exxonmobil.com
<b>Correspondent Name:</b>	EXXONMOBIL RESEARCH & ENGINEERING CO
<b>Address Line 1:</b>	1545 ROUTE 22 EAST
<b>Address Line 2:</b>	P.O. BOX 900
<b>Address Line 4:</b>	ANNANDALE, NEW JERSEY 08801-0900
<b>ATTORNEY DOCKET NUMBER:</b>	2015EM306 US2
<b>NAME OF SUBMITTER:</b>	ANDREW T. WARD
<b>SIGNATURE:</b>	/Andrew T. Ward/
<b>DATE SIGNED:</b>	12/19/2016
<b>Total Attachments: 2</b>	
source=2015EM306-US2-2016-12-19-Assignment#page1.tif	
source=2015EM306-US2-2016-12-19-Assignment#page2.tif	

**\*27810\***

27810  
PATENT TRADEMARK OFFICE

Application Serial No. 15/339,972  
EMRE Docket No. 2015EM306-US2

ASSIGNMENT  
INVENTOR or INVENTORS:

NARASIMHAN SUNDARAM

HANS THOMANN

EDWARD W. CORCORAN, Jr.

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

INTEGRATION OF STAGED COMPLEMENTARY PSA SYSTEM WITH A POWER PLANT FOR CO2  
CAPTURE/UTILIZATION AND N2 PRODUCTION

said application having been executed on the 1st & 21st November 2016  
9th day(s) of December, 2016, and being further identified as EMRE Docket No. 2015EM306-US2; all rights of priority created by said application under provisions of international convention or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date <u>11/21/2016</u>	Inventor <u>Narasimhan Sundaram</u> (LS) NARASIMHAN SUNDARAM	Witness <u>[Signature]</u>
Date <u>12/9/2016</u>	Inventor <u>Hans Thomann</u> (LS) HANS THOMANN	Witness <u>[Signature]</u>
Date _____	Inventor _____ (LS) EDWARD W. CORCORAN, Jr.	Witness _____

**\*27810\***

**27810**  
**PATENT TRADEMARK OFFICE**

Application Serial No. 15/339,972  
EMRE Docket No. 2015EM306-US2

ASSIGNMENT  
INVENTOR or INVENTORS:

NARASIMHAN SUNDARAM

HANS THOMANN

EDWARD W. CORCORAN, Jr.

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

INTEGRATION OF STAGED COMPLEMENTARY PSA SYSTEM WITH A POWER PLANT FOR CO2  
CAPTURE/UTILIZATION AND N2 PRODUCTION

said application having been executed on the 1st & 21st 9th day(s) of November December, 2016, and being further identified as EMRE Docket No. 2015EM306-US2; all rights of priority created by said application under provisions of international convention or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date \_\_\_\_\_ Inventor NARASIMHAN SUNDARAM (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor HANS THOMANN (LS) Witness \_\_\_\_\_

Date 11/1/2016 Inventor Edward W. Corcoran, Jr. (LS) Witness [Signature]