504184041 01/18/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH C. MCDOWELL	01/04/2017
JACQUES A. CIBILS	01/04/2017

RECEIVING PARTY DATA

Name:	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
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Internal Address:	P.O. BOX 900
City:	ANNANDALE
State/Country:	NEW JERSEY
Postal Code:	08801-0900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15269328

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2008EM163A
NAME OF SUBMITTER:	GLENN T. BARRETT
SIGNATURE:	/Glenn T. Barrett/
DATE SIGNED:	01/18/2017

Total Attachments: 2

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PATENT 504184041 REEL: 041007 FRAME: 0558

27810 27610 PATENT TRADEMARK OFFICE

	Application Serial No.	15/269,328		
	EMRE Docket No.	2008EM163A		
ASSIGN	***************************************			
INVENTOR or	inventors:			
KEITH C. MCDOWELL	JACQUES A. CIBILS			
		<u></u>		
For good and valuable consideration, the undersigned person(s) na agree(s) as follows:	med above, herein referred to as UNDERSIG	NED, hereby		
1) UNDERSIGNED hereby assign(s) to 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.				
METHOD AND APPARATUS FOR REAL TIME ENHANCING OF THE OPERATION OF A FLUID TRANSPORT PIPELINE				
said application having been executed on the 4 day(s) of January , 2017 , and being further identified as EMRE Docket No. 2008EM163A; 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 / (LS) Witness by Vol / KANTH C. MODOWELL				

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Witness____

PATENT TRADEMARK OFFICE

Application Serial No. 15/269,328 EMRE Docket No. 2008EM163A

ASSIGNMENT INVENTOR or INVENTORS:

KEITH C. MCDOWELL

JACQUES A. CIBILS

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

METHOD AND APPARATUS FOR REAL TIME ENHANCING OF THE OPERATION OF A FLUID TRANSPORT

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(LS) KEITH C. MCDOWELL	Witness
Date Jan. 4, 2017	Inventor (LS)	Winess Iph William

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PATENT REEL: 041007 FRAME: 0560

RECORDED: 01/18/2017