

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5067948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SANKAR NAIR	06/15/2018
CHRISTOPHER W. JONES	06/05/2018
FERESHTEH RASHIDI	07/11/2018
ALI ASGHAR ROWNAGHI	06/04/2018
RECEIVING PARTY DATA	
Name:	PHILLIPS 66 COMPANY
Street Address:	3010 BRIARPARK DRIVE, PWC 8216
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15688231
CORRESPONDENCE DATA	
Fax Number:	(713)652-5152
<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>	
Phone:	713-308-0167
Email:	Hong.do@arlaw.com
Correspondent Name:	CHRIS PERQUE
Address Line 1:	1221 MCKINNEY STREET
Address Line 2:	SUITE 4400
Address Line 4:	HOUSTON, TEXAS 77010
ATTORNEY DOCKET NUMBER:	25999-56
NAME OF SUBMITTER:	CHRIS PERQUE
SIGNATURE:	/Chris Perque/
DATE SIGNED:	07/26/2018
Total Attachments: 5	
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ORIGINAL ASSIGNMENT

For valuable consideration, I

<u>Sankar Nair</u> of (Type name of inventor)	Residence Address:	1040 Grace Hill Drive Roswell, GA 30075 United States
	Citizenship:	India
<u>Christopher W. Jones</u> of (Type name of inventor)	Residence Address:	c/o Georgia Tech Research Corporation 505 10th Street, NW Atlanta, GA 30318
	Citizenship:	
<u>Fereshteh Rashidi</u> of (Type name of inventor)	Residence Address:	c/o Georgia Tech Research Corporation 505 10th Street, NW Atlanta, GA 30318
	Citizenship:	
<u>Ali Asghar Rownaghi</u> of (Type name of inventor)	Residence Address:	210Q Bertelsmeyer Hall Rolla, MO 65409 United States
	Citizenship:	Iran

the below signed joint inventor(s) of record, hereby assign to

PHILLIPS 66 COMPANY

a corporation having a place of business at

3010 BRIARPARK DRIVE, PWC 8216

HOUSTON, TEXAS 77042

U.S.A.

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me entitled

"SYSTEMS, DEVICES AND METHODS FOR MOLECULAR SEPARATION"

This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I hereby authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

[Signature]
Signature of Inventor

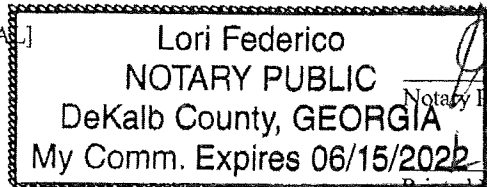
Sankar Nair
Typed Name

6/15/2018
Date of Signature

ATLANTA, GA,
Place of Signature
USA
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Sankar Nair, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]



[Signature]
Notary Public Signature
Lori Federico
Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Signature of Inventor

Christopher W. Jones
Typed Name

Date of Signature

Place of Signature
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Christopher W. Jones, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Signature of Inventor

Fereshteh Rashidi
Typed Name

Date of Signature

Place of Signature
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Fereshteh Rashidi, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

_____ Signature of Inventor	<u>Sankar Nair</u> Typed Name	_____ Date of Signature	_____ Place of Signature City, Country
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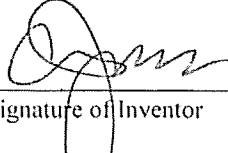
BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared **Sankar Nair**, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

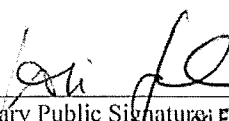
Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

 _____ Signature of Inventor	<u>Christopher W. Jones</u> Typed Name	<u>June 5, 2018</u> Date of Signature	<u>Atlanta, GA USA</u> Place of Signature City, Country
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BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared **Christopher W. Jones**, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]



Notary Public Signature
Lori Federico
Notary Public, DeKalb County, Georgia
My Commission Expires June 15, 2018

Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

_____ Signature of Inventor	<u>Fereshteh Rashidi</u> Typed Name	_____ Date of Signature	_____ Place of Signature City, Country
--------------------------------	--	----------------------------	--

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared **Fereshteh Rashidi**, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

_____ Signature of Inventor	<u>Sankar Nair</u> Typed Name	_____ Date of Signature	_____ Place of Signature City, Country
--------------------------------	----------------------------------	----------------------------	--

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Sankar Nair, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

_____ Signature of Inventor	<u>Christopher W. Jones</u> Typed Name	_____ Date of Signature	_____ Place of Signature City, Country
--------------------------------	---	----------------------------	--

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Christopher W. Jones, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]

Notary Public Signature

Printed Name of Notary Public

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

<u>F. Rashidi</u> Signature of Inventor	<u>Fereshteh Rashidi</u> Typed Name	<u>7/11/2018</u> Date of Signature	<u>Cortland, NY, USA</u> Place of Signature City, Country
--	--	---------------------------------------	---

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Fereshteh Rashidi, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

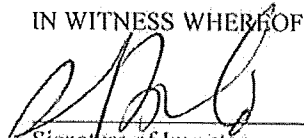
Notary Public [SEAL]

Mary T. Brown
Notary Public Signature

Mary T. Brown
Printed Name of Notary Public

Mary T. Brown
Notary Public State of New York
No. 01BR6325490
Qualified In Cortland County
My Commission Expires May 26, 2019

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.


Signature of Inventor

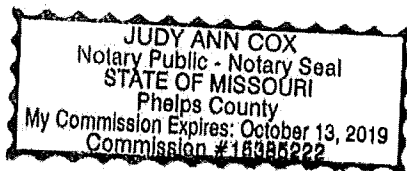
Ali Asghar Rownaghi
Typed Name

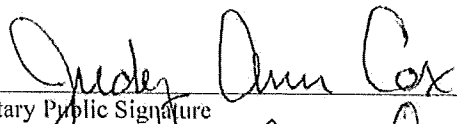
6/4/2018
Date of Signature

Rolla, Mo, USA
Place of Signature
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Ali Asghar Rownaghi, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

Notary Public [SEAL]




Notary Public Signature

Judy Ann Cox
Printed Name of Notary Public Exp 10-13-19