

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5752389

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NATRIX SEPARATIONS INC.	02/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERCK MILLIPORE LTD.
<b>Street Address:</b>	TULLAGREEN, COUNTRY CORK
<b>City:</b>	CARRIGTWOHILL
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16100515
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)832-7000
<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>	(617) 832-1765
<b>Email:</b>	patentdocketing@foleyhoag.com, jhauser@foleyhoag.com
<b>Correspondent Name:</b>	FOLEY HOAG LLP
<b>Address Line 1:</b>	155 SEAPORT BOULEVARD
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210-2600
<b>ATTORNEY DOCKET NUMBER:</b>	NMX-00603
<b>NAME OF SUBMITTER:</b>	JOSHUA HAUSER
<b>SIGNATURE:</b>	/Joshua Hauser/
<b>DATE SIGNED:</b>	10/03/2019
<b>Total Attachments: 14</b>	
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## PATENT ASSIGNMENT

**WHEREAS**, Natrix Separations, Inc., of 5295 John Lucas Drive, Burlington, ON L7L 6A8, a corporation organized and existing under the laws of Ontario, Canada (hereinafter "Assignor") is the owner of all rights, title and interest in an invention(s), which invention(s) is described in an application for Letters Patent, which application(s) are listed in the attached Exhibit; and

**WHEREAS**, Merck Millipore Ltd., of Tullagreen, County Cork, Carrigtwohill, Ireland, a corporation organized and existing under the laws of Ireland (hereinafter "Merck Millipore") is desirous of acquiring the entire right, title and interest in and to the invention, and any and all, patent application(s) and Letters Patent(s) that may be granted therefor;

Now, THEREFORE, we, the undersigned parties on behalf of Assignor do hereby sell, assign and transfer unto Merck Millipore, its lawful successors and assigns the full, exclusive and worldwide right to the invention, and the entire right, title and interest in, to and under the application(s) and any and all Letters Patent(s) that may be granted on the application(s), any and all applications and Letters Patent claiming priority to the application(s), including any and all divisions or continuations thereof, any and all renewals, reissues, reexaminations and extensions thereof, in the United States of America, in the territorial possessions of the United States of America, and in any country foreign to the United States of America, the same to be held and enjoyed by Merck Millipore, its lawful successors and assigns as fully and entirely as the same would have been held by Assignor had this assignment not been made.

And we hereby authorize and request the Commissioner of Patent and Trademarks of the United States of America and respective Patent Office officials in any country foreign to the United States of America to issue said Letters Patent to Merck Millipore as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize Merck Millipore to apply for Letters Patent in our name or in its own name, as it in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country.

And we do hereby agree for ourselves and for our heirs, executors and administrators to execute any lawful document and to testify as to any material fact or thing which Merck Millipore, its lawful successors, assigns and legal representatives may deem necessary in order to secure unto itself, its successors and assigns the full right, title and interest in and to, and the full enjoyment of, the invention or any part thereof, the applications and any and all Letters Patent, the same to be done without any further consideration.

IN TESTIMONY WHEREOF, I hereby set my hand on behalf of Natrix Separations, Inc. this 5 day of February, 2019.

Monica Elliott  
Name: Monica Elliott  
Title: Vice President, Treasurer, CFO

Witness Signature: Nalle Stedley  
Witness Name: Nalle Stedley  
Date: 2/5/19

Witness Signature: Lisa LaBellita  
Witness Name: Lisa LaBellita  
Date: 2/5/19

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IN TESTIMONY WHEREOF, I hereby set my hand on behalf of Merck Millipore Ltd. this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Name: Martin McAuliffe  
Title: Managing Director

Witness Signature: \_\_\_\_\_  
Witness Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_  
Witness Name: \_\_\_\_\_  
Date: \_\_\_\_\_

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IN TESTIMONY WHEREOF, I hereby set my hand on behalf of Matrix Separations, Inc. this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Name: Monica Elliott  
Title: Vice President, Treasurer, CFO

Witness Signature: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
IN TESTIMONY WHEREOF, I hereby set my hand on behalf of Merck Millipore Ltd. this 31<sup>st</sup> day of JANUARY, 2019.

Martin McAuliffe  
Name: Martin McAuliffe  
Title: Managing Director

Witness Signature: Donald Barry

Witness Name: DONAL BARRY

Date: 31/JAN/2019

Witness Signature: Michael O'Donoghue

Witness Name: MICHAEL O'DONOGHUE

Date: 31 JAN 2019

**Exhibit**

File Number	Title (internal)	Inventors	Country	Fig. Date	Fig. Number
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	AU	20040129	2004212641
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	AU	20091021	2009230738
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	AU	20110713	2011203555
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	CA	20040129	2514471
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	EP	20091012	09172742.0
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	EP	20091012	09172746.1
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a)	IN	20040129	3245/DELNP/2005

		(n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)			
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	JP	20040129	2006-501402
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	JP	20110210	2011-026659
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), FILIPE Carlos (n/a), GHOSH Raja (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	KR	20040129	10-2005-7015420
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20040202	10/769,953
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20071205	11/950,562
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20080423	12/108,178
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20080916	12/211,618
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20081003	12/244,940

		Y. (n/a), DEY Tapan K. (n/a)			
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20081014	12/250,861
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20081014	12/250,869
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20091030	12/609,653
P 03/366	COMPOSITE MATERIALS COMPRISING SUPPORTED POROUS GELS	CHILDS Ronald F. (n/a), MIKA Alicja M. (n/a), ZHOU Jinsheng (n/a), KOMKOVA Elena N. (n/a), KIM Marcus Y. (n/a), DEY Tapan K. (n/a)	US	20091030	12/609,689
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	AU	20050407	2005231532
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	CA	20050407	2558859
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	CH	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	DE	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	EP	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	FR	20050407	05732196.0



P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	GB	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	IE	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	IN	20050407	5165/DELNP/2006
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	NL	20050407	05732196.0
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	US	20050407	11/547,736
P 04/313	MEMBRANE STACKS	CHILDS Ronald F. (n/a), KOMKOVA Elena N. (n/a), CROSSLEY Donna Lisa (n/a), MIKA Alicja M. (n/a)	US	20110627	13/169,420
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	AU	20050606	2005251838
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	CA	20050606	2564413
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	CH	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	DE	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	EP	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	FR	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	GB	20050606	05753128.7

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P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	IE	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	IN	20050606	6637/DELNP/2006
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	JP	20050606	2007-513639
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	NL	20050606	05753128.7
P 04/314	STABLE COMPOSITE MATERIAL COMPRISING SUPPORTED POROUS GELS	MIKA Alicja M. (n/a), WANG Maggie Sanju (n/a), CHILDS Ronald F. (n/a)	US	20050606	11/628,805
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	AU	20090901	2009288234
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	CA	20090901	2736814
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	EP	20090901	09812102.3
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	IN	20090901	2163/DELNP/2011

P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	JP	20090901	2011-525281
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	KR	20180716	10-2018-7020391
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	KR	20090901	10-2011-7007319
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	US	20180810	16/100,515
P 08/240	CHROMATOGRAPY MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	BRELLISFORD Damian (n/a), CROSSLEY Donna Lisa (n/a), MCINTOSH Greg (n/a), RUMAN Robert (n/a), RYDALL John (n/a), SHIELDS Christopher S. (n/a)	US	20170208	15/427,447
P 09/254	HYDROPHOBIC MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	KOMKOVA Elena N. (n/a), MIKA Alicja M. (n/a), PANKRATZ Marianne (n/a)	AU	20101112	2010317563
P 09/254	HYDROPHOBIC MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	KOMKOVA Elena N. (n/a), MIKA Alicja M. (n/a), PANKRATZ Marianne (n/a)	CA	20101112	2780095
P 09/254	HYDROPHOBIC MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	KOMKOVA Elena N. (n/a), MIKA Alicja M. (n/a), PANKRATZ Marianne (n/a)	EP	20101112	10829596.5

P 09/254	HYDROPHOBIC MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	KOMKOVA Elena N. (n/a), MIKA Alicja M. (n/a), PANKRATZ Marianne (n/a)	IN	20101112	5130/DELNP/2012
P 09/254	HYDROPHOBIC MEMBRANES, DEVICES CONTAINING THEM, AND METHODS OF USE THEREOF	KOMKOVA Elena N. (n/a), MIKA Alicja M. (n/a), PANKRATZ Marianne (n/a)	KR	20180829	10-2018-7024928
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	AU	20170720	2017206238
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	BE	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	CA	20120517	2836460
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	CH	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	DE	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	EP	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	ES	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	FR	20120517	12786567.3

P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	GB	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	IE	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	IN	20120517	10641/DELNP/2013
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	IT	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	JP	20120517	2014-511530
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	JP	20180104	2018-000131
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	NL	20120517	12786567.3
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	US	20191218	16/224,548
P 11/246	LAYERED TUBULAR MEMBRANES FOR CHROMATOGRAPHY, AND METHODS OF USE THEREOF	KANANI Dharmeshkumar M. (n/a), SIDHU Navneet (n/a), KACHUIK Bradley A. (n/a), HONEYMAN Charles H. (n/a)	US	20120517	13/473,891
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	AU	20130118	2013209620

P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	CA	20130118	2861932
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	EP	20130118	13739077.9
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	IN	20130118	6817/DELNP/2014
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	JP	20180920	2018-175774
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	JP	20130118	2014-553432
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	KR	20130118	10-2014-7022518
P 12/304	CHROMATOGRAPHY MEDIA FOR STORAGE AND DELIVERY OF THERAPEUTIC BIOLOGICS AND SMALL MOLECULES	HONEYMAN Charles H. (n/a), CHICKOSKY John A. (n/a), MCGLAUGHLIN Molly S. (n/a), RAGHEB Amro (n/a)	US	20130118	13/744,583
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	AU	20140226	2014223583
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	CA	20140226	2902180
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	EP	20140226	14756874..5

P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	IN	20140226	8721/DELNP/2015
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	JP	20140226	2015-559296
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	KR	20140226	10-2015-7026824
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	US	20140226	14/190,650
P 13/260	MIXED-MODE CHROMATOGRAPHY MEMBRANES	KOMKOVA Elena N. (n/a), HONEYMAN Charles H. (n/a)	US	20180806	16/055,786
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	AU	20160222	2016221431
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	CA	20160222	2977015
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	EP	20160222	16751984.2
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	IN	20160222	201717031052
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	JP	20160222	2017-543914
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	KR	20160222	10-2017-7026554

P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	US	20160222	15/049,625
P 15/281	CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS	RAGHEB Amro (n/a), SKARJA Gary (n/a)	US	20180406	15/947,078