

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

EPAS ID: PAT5374593

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SONGHUA LIU	01/16/2019
MICHAEL LYNCH	01/16/2019
RYAN SYLVIA	01/16/2019
JOSEPH ALMASIAN	01/16/2019
SALVATORE GIGLIA	01/16/2019
LUC MESSIER	01/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMD MILLIPORE CORPORATION
<b>Street Address:</b>	400 SUMMIT DRIVE
<b>City:</b>	BURLINGTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01803
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16315069
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	9787151265
<b>Email:</b>	milliporesigma.patents@emdmillipore.com
<b>Correspondent Name:</b>	EMD MILLIPORE CORPORATION
<b>Address Line 1:</b>	400 SUMMIT DRIVE
<b>Address Line 4:</b>	BURLINGTON, MASSACHUSETTS 01803
<b>ATTORNEY DOCKET NUMBER:</b>	P 16/168 US
<b>NAME OF SUBMITTER:</b>	ERIC MARTINEAU
<b>SIGNATURE:</b>	/Eric Martineau/
<b>DATE SIGNED:</b>	02/13/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4**

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**PATENT ASSIGNMENT**

WHEREAS WE, Songhua Liu, Michael Lynch, Ryan Sylvia, Joseph Almasian, Salvatore Giglia, and Luc Messier, have made an invention, which invention is described in an application for Letters Patent titled "FIXED RIGID WALL DEVICE FOR COMPRESSED PLEAT CONFIGURATION FILTERS" filed in the US Patent and Trademark Office, assigned Patent Application No.: 16/315,069 and accorded Filing Date of January 3, 2019, and,

WHEREAS, **EMD MILLIPORE CORPORATION**, of **400 SUMMIT DRIVE, BURLINGTON, MASSACHUSETTS 01803**, a corporation organized and existing under the laws of the **STATE OF MASSACHUSETTS** (hereinafter "**EMD MILLIPORE**") is desirous of acquiring, and entitled by our employment contracts, to acquire the entire right, title and interest in and to the invention and in and to the application and any Letters Patent that may be granted therefor;

Now, Therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned parties do hereby sell, assign and transfer unto EMD-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 and any and all Letters Patent(s) that may be granted on the application, any and all applications and Letters Patent claiming priority to the application, 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 EMD Millipore, its lawful successors and assigns as fully and entirely as the same would have been held by us 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 EMD Millipore as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize EMD 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.

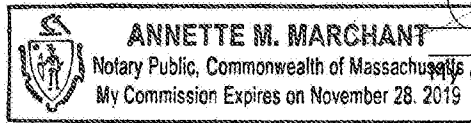
And we do hereby agree for ourselves and for our heirs, executors and administrators, to execute any lawful document and to testify as to any material fact or thing which EMD Millipore, its lawful successors, assigns and legal representatives may deem necessary in order to secure unto itself, its lawful 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 WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

[Signature]  
Songhua Liu

State of Massachusetts  
County of Middlesex } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Songhua Liu**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.



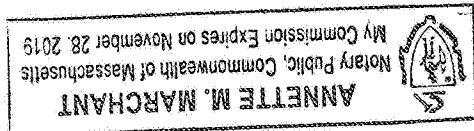
[Signature]  
Notary Public  
My commission expires Nov 28, 2019

In WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

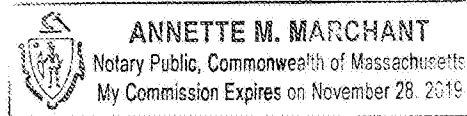
[Signature]  
Michael Lynch

State of Massachusetts  
County of Middlesex } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Michael Lynch**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.



[Signature]  
Notary Public  
My commission expires November 28, 2019



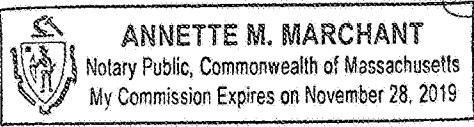
IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

[Signature]  
Ryan Sylvia

State of Massachusetts  
County of Middlesex } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Ryan Sylvia**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.

[Signature]  
Notary Public  
My commission expires November 28, 2019



IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

[Signature]  
Joseph Almasian

State of Massachusetts  
County of Middlesex } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Joseph Almasian**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.

[Signature]  
Notary Public  
My commission expires November 28, 2019



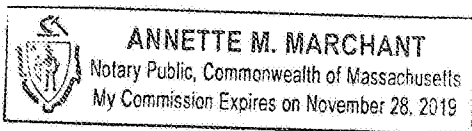
IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

[Signature]  
Salvatore Giglia

State of Massachusetts  
County of Worcester } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Salvatore Giglia**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.

[Signature]



Notary Public  
My commission expires November 28, 2019

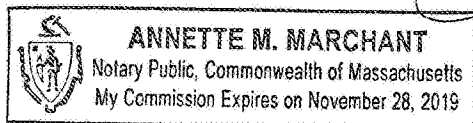
IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16<sup>th</sup> day of January, 2019.

[Signature]  
Luc Messier

State of Massachusetts  
County of Worcester } ss

On this 16<sup>th</sup> day of January, 2019, before me, the undersigned notary public, personally appeared **Luc Messier**, proved to me through satisfactory evidence of identification, which were (a) at least one current document issued by a federal or state government agency bearing the photographic image of the individual's face and signature; or (b) identification of an individual based on my personal knowledge of the identity of the principal, to be the person whose name is signed on the preceding or attached document in my presence.

[Signature]



Notary Public  
My commission expires November 28, 2019