

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7487688

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAYBELLE WOO	01/21/2016
DAVID YAVORSKY	02/16/2016
JOHN AMARA	01/19/2016
NRIPEN SINGH	05/20/2016
KWOK-SHUN CHENG	01/21/2016
<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>	17819969
<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>Email:</b>	milliporesigma.patents@milliporesigma.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>	P13-137-US-CNT[2]
<b>NAME OF SUBMITTER:</b>	DAVID J. WILSON
<b>SIGNATURE:</b>	/David J. Wilson/
<b>DATE SIGNED:</b>	08/16/2022
<b>Total Attachments: 8</b>	
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**PATENT**

**REEL: 060820 FRAME: 0100**

### PATENT ASSIGNMENT

WHEREAS, we, Maybelle Woo, David Yavorsky, John Amara, Nripen Singh and Kwok-Shun Cheng, have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "High Capacity Composite Depth Filter Media with Low Extractables", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No.: 14/890,774 and accorded Filing Date of November 12, 2015; and

WHEREAS, **EMD MILLIPORE CORPORATION**, of **290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821** a corporation organized and existing under the laws of the **STATE OF MASSACHUSETTS** (hereinafter "**EMD MILLIPORE**") is desirous of acquiring the entire right, title and interest in and to the invention and in and to any Letters Patent that may be granted therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned parties by these presents do sell, assign and transfer unto **EMD MILLIPORE**, its successors and assigns the full, exclusive and worldwide right to the said invention including the United States of America, and the entire right, title and interest in, to and under any Letters Patent which may be granted on a patent application claiming the benefit of priority of said invention, or any parts thereof, or on any continuation, division or reissue 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 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 foreign to the United States of America.

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 successors and assigns 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 said invention or any part thereof and any Letters Patent, the same to be done without any further consideration.

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS 21 DAY  
OF JANUARY, 2016.

INVENTOR SIGNATURE: Maybelle Woo  
INVENTOR NAME: Maybelle Woo


WITNESS:  
WITNESS SIGNATURE: [Signature]  
WITNESS NAME: Elizabeth Hubbard  
DATE: Jan 21, 2016

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16 day  
of February, 2016.

[Signature]  
David Yavorsky

State of Massachusetts  
County of Middlesex } ss

On this 16 day of February, 2016, before me, the undersigned notary public, personally appeared David Yavorsky, 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.

 **ELIZABETH D. HUBBARD**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
September 19, 2019

[Signature]  
Elizabeth D. Hubbard Notary Public  
My commission expires Sept 19, 2019

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_\_ day  
of 19<sup>th</sup> January, 2016.

John Amara  
John Amara

State of Massachusetts )  
County of Worcester ) ss

On this 19<sup>th</sup> day of January, 2016, before me, the undersigned  
notary public, personally appeared John Amara, 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.



**ELIZABETH D. HUBBARD**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
September 19, 2019

Elizabeth D. Hubbard  
Notary Public  
My commission expires Sept 19, 2019

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS \_\_\_\_\_ DAY  
OF \_\_\_\_\_, 2016.

INVENTOR SIGNATURE: \_\_\_\_\_

INVENTOR NAME: Nripen Singh

WITNESS:

WITNESS SIGNATURE: \_\_\_\_\_

WITNESS NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS 21 DAY  
OF Jan, 2016.

INVENTOR SIGNATURE: Ks g

INVENTOR NAME: Kwok-Shun Cheng

WITNESS:

WITNESS SIGNATURE: E. Hill

WITNESS NAME: Elizabeth Hill

DATE: January 21, 2016

### PATENT ASSIGNMENT

WHEREAS, we, Maybelle Woo, David Yavorksy, John Amara, Nripen Singh and Kwok-Shun Cheng, have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "High Capacity Composite Depth Filter Media with Low Extractables", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No.: 14/890,774 and accorded Filing Date of November 12, 2015; and

WHEREAS, **EMD MILLIPORE CORPORATION**, of **290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821** a corporation organized and existing under the laws of the **STATE OF MASSACHUSETTS** (hereinafter "**EMD MILLIPORE**") is desirous of acquiring the entire right, title and interest in and to the invention and in and to any Letters Patent that may be granted therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned parties by these presents do sell, assign and transfer unto **EMD MILLIPORE**, its successors and assigns the full, exclusive and worldwide right to the said invention including the United States of America, and the entire right, title and interest in, to and under any Letters Patent which may be granted on a patent application claiming the benefit of priority of said invention, or any parts thereof, or on any continuation, division or reissue 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 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 foreign to the United States of America.

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 successors and assigns 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 said invention or any part thereof and any Letters Patent, the same to be done without any further consideration.

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS \_\_\_\_\_ DAY  
OF \_\_\_\_\_, 2016.

INVENTOR SIGNATURE: \_\_\_\_\_

INVENTOR NAME: Maybelle Woo

WITNESS:

WITNESS SIGNATURE: \_\_\_\_\_

WITNESS NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2016.

\_\_\_\_\_  
David Yavorsky

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this \_\_\_\_ day of \_\_\_\_\_, 2016, before me, the undersigned notary public, personally appeared David Yavorsky, 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.

\_\_\_\_\_  
My commission expires \_\_\_\_\_ Notary Public



IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2016.

\_\_\_\_\_  
John Amara

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this \_\_\_\_ day of \_\_\_\_\_, 2016, before me, the undersigned notary public, personally appeared John Amara, 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.

\_\_\_\_\_, Notary Public  
My commission expires \_\_\_\_\_

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS 20 DAY  
OF MAY, 2016.

INVENTOR SIGNATURE: N. Singh  
INVENTOR NAME: Nripen Singh

WITNESS:

WITNESS SIGNATURE: Grace Yao  
WITNESS NAME: Grace Yao  
DATE: 20 May 16

IN WITNESS WHEREOF, I HEREBY SET MY HAND AND AFFIX MY SEAL THIS \_\_\_\_\_ DAY  
OF \_\_\_\_\_, 2016.

INVENTOR SIGNATURE: \_\_\_\_\_

INVENTOR NAME: Kwok-Shun Cheng

WITNESS:

WITNESS SIGNATURE: \_\_\_\_\_

WITNESS NAME: \_\_\_\_\_

DATE: \_\_\_\_\_