

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Onur Y. Kas</td><td>10/20/2011</td></tr> <tr><td>Mikhail Kozlov</td><td>10/20/2011</td></tr> <tr><td>Gabriel Tkacik</td><td>10/20/2011</td></tr> <tr><td>Wilson Moya</td><td>10/20/2011</td></tr> <tr><td>Philip Goddard</td><td>10/20/2011</td></tr> <tr><td>Sherry Ashby Leon</td><td>10/20/2011</td></tr> <tr><td>Jibin Hao</td><td>10/17/2011</td></tr> </tbody> </table>		Name	Execution Date	Onur Y. Kas	10/20/2011	Mikhail Kozlov	10/20/2011	Gabriel Tkacik	10/20/2011	Wilson Moya	10/20/2011	Philip Goddard	10/20/2011	Sherry Ashby Leon	10/20/2011	Jibin Hao	10/17/2011
Name	Execution Date																
Onur Y. Kas	10/20/2011																
Mikhail Kozlov	10/20/2011																
Gabriel Tkacik	10/20/2011																
Wilson Moya	10/20/2011																
Philip Goddard	10/20/2011																
Sherry Ashby Leon	10/20/2011																
Jibin Hao	10/17/2011																
RECEIVING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Name:</td><td>Millipore Corporation</td></tr> <tr><td>Street Address:</td><td>290 Concord Road</td></tr> <tr><td>City:</td><td>Billerica</td></tr> <tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr> <tr><td>Postal Code:</td><td>01821</td></tr> </table>		Name:	Millipore Corporation	Street Address:	290 Concord Road	City:	Billerica	State/Country:	MASSACHUSETTS	Postal Code:	01821						
Name:	Millipore Corporation																
Street Address:	290 Concord Road																
City:	Billerica																
State/Country:	MASSACHUSETTS																
Postal Code:	01821																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13194227</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13194227												
Property Type	Number																
Application Number:	13194227																
CORRESPONDENCE DATA																	
Fax Number:	(978)715-1382																
Phone:	9787151265																
Email:	patents@millipore.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	John Dana Hubbard																
Address Line 1:	290 Concord Road																
Address Line 2:	Millipore Corporation																
Address Line 4:	Billerica, MASSACHUSETTS 01821																

CH \$40.00 13194227

501734020

PATENT
REEL: 027274 FRAME: 0618

ATTORNEY DOCKET NUMBER:	MCA-1229 US
NAME OF SUBMITTER:	Stephen J. Sand
Total Attachments: 10 source=MCA1229US_ASG#page1.tif source=MCA1229US_ASG#page2.tif source=MCA1229US_ASG#page3.tif source=MCA1229US_ASG#page4.tif source=MCA1229US_ASG#page5.tif source=MCA1229US_ASG#page6.tif source=MCA1229US_ASG#page7.tif source=MCA1229US_ASG#page8.tif source=MCA1229US_ASG#page9.tif source=MCA1229US_ASG#page10.tif	

PATENT ASSIGNMENT

WHEREAS we, Onur Y. Kas, Mikhail Kozlov, Gabriel Tkacik, Wilson Moya, Philip Goddard, Sherry Ashby Leon and Jibin Hao, have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "Method for Retrovirus Removal", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No. 13/194,227 and accorded Filing Date of July 29, 2011, and

WHEREAS, **MILLIPORE CORPORATION**, of **290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821** a corporation organized and existing under the laws of the **STATE OF MASSACHUSETTS** (hereinafter "**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 **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 **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 **MILLIPORE** as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize **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 **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 20th day
of October, 2011.

Onur Y. Kas

State of Massachusetts

County of Middlesex } ss

On this 20th day of October, 2011, before me, the undersigned notary public, personally appeared Onur Y. Kas, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 20th day
of October, 2011.

Mikhail Kozlov

State of Massachusetts

County of Middlesex } ss

On this 20th day of October, 2011, before me, the undersigned notary public, personally appeared Mikhail Kozlov, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 28th day
of October, 2011.

Gabriel Tkacik
Gabriel Tkacik

State of Massachusetts
County of Middlesex } ss

On this 28th day of October, 2011, before me, the undersigned notary public, personally appeared Gabriel Tkacik, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 28th day
of October, 2011.

Wilson Moya
Wilson Moya

State of Massachusetts
County of Middlesex } ss

On this 28th day of October, 2011, before me, the undersigned notary public, personally appeared Wilson Moya, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 28th day

of October, 2011.

Philip Goddard
Philip Goddard

State of Massachusetts

County of Middlesex) ss

On this 28th day of October, 2011, before me, the undersigned notary public, personally appeared Philip Goddard, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 28th day

of October, 2011.

Sherry Ashby Leon
Sherry Ashby Leon

State of Massachusetts

County of Middlesex) ss

On this 28th day of October, 2011, before me, the undersigned notary public, personally appeared Sherry Ashby Leon, 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 11/23/2012

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this _____ day
of _____, 2011

Inventor Signature: _____

Inventor Name: Jibin Hao

Witness:

Witness Signature: _____

Witness Name: _____

Date: _____

PATENT ASSIGNMENT

WHEREAS we, Onur Y. Kas, Mikhail Kozlov, Gabriel Tkacik, Wilson Moya, Philip Goddard, Sherry Ashby Leon and Jibin Hao, have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "Method for Retrovirus Removal", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No. 13/194,227 and accorded Filing Date of July 29, 2011, and

WHEREAS, **MILLIPORE CORPORATION**, of **290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821** a corporation organized and existing under the laws of the **STATE OF MASSACHUSETTS** (hereinafter "**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 **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 **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 **MILLIPORE** as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize **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 **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 _____, 2011.

Onur Y. Kas

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Onur Y. Kas, 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 _____ day
of _____, 2011.

Mikhail Kozlov

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Mikhail Kozlov, 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 _____ day
of _____, 2011.

Gabriel Tkacik

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Gabriel Tkacik, 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 _____ day
of _____, 2011.

Wilson Moya

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Wilson Moya, 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 _____ day
of _____, 2011.

Philip Goddard

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Philip Goddard, 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 _____ day
of _____, 2011.

Sherry Ashby Leon

State of _____)
) ss
County of _____)

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared Sherry Ashby Leon, 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 17 day
of October, 2011

Inventor Signature: Jibin Hao
Inventor Name: Jibin Hao

Witness:

Witness Signature: Jing Luo
Witness Name: Jing Luo
Date: 10/17/11