

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Elena Chemokalskaya</td> <td>05/02/2012</td> </tr> <tr> <td>Vivek Joshi</td> <td>05/02/2012</td> </tr> <tr> <td>Phillip Clark</td> <td>05/02/2012</td> </tr> <tr> <td>Christopher Utzat</td> <td>05/02/2012</td> </tr> <tr> <td>Ryan Amara</td> <td>05/02/2012</td> </tr> <tr> <td>Timothy Scott Rider</td> <td>04/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Elena Chemokalskaya	05/02/2012	Vivek Joshi	05/02/2012	Phillip Clark	05/02/2012	Christopher Utzat	05/02/2012	Ryan Amara	05/02/2012	Timothy Scott Rider	04/16/2012
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<table border="1"> <tr> <td>Name:</td> <td>EMD 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:	EMD Millipore Corporation	Street Address:	290 Concord Road	City:	Billerica	State/Country:	MASSACHUSETTS	Postal Code:	01821				
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Application Number:	13415400														
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:	EMD Millipore Corporation														
Address Line 4:	Billerica, MASSACHUSETTS 01821														
ATTORNEY DOCKET NUMBER:	MCA-1172 US														

CH \$40.00 13415400

NAME OF SUBMITTER:

Sapna Mehtani, Ph.D., J.D.

Total Attachments: 8

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PATENT ASSIGNMENT

WHEREAS, we, Elena Chernokalskaya, Vivek Joshi, Phillip Clark, Christopher Utzat, Ryan Amara and Timothy Scott Rider have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "Devices and Methods for Infrared (IR) Based Quantitation of BioMolecules", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No.: 13/415,400 and accorded Filing Date of March 8, 2012; 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 7 day
of May, 2012.

E. Chernokalskaya
Elena Chernokalskaya
State of Massachusetts
County of Essex } ss

On this 7th day of May, 2012, before me, the undersigned notary public, personally appeared Elena Chernokalskaya, 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.

Andrew M. St. Croix
_____, Notary Public
My commission expires 2/20/15

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 2 day
of May, 2012.

Vivek Joshi
Vivek Joshi
State of Massachusetts
County of Essex } ss

On this 2nd day of May, 2012, before me, the undersigned notary public, personally appeared Vivek Joshi, 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.

Andrew M. St. Croix
_____, Notary Public
My commission expires 2/20/15

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 2 day
of May, 2012.

Phillip Clark
Phillip Clark

State of Massachusetts
County of Essex) ss

On this 2nd day of May, 2012, before me, the undersigned notary public, personally appeared, Phillip Clark, 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.

Dennis M. St. Croix
Notary Public
My commission expires 2/20/15

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 2 day
of May, 2012.

Christopher Utzat
Christopher Utzat

State of Massachusetts
County of Essex) ss

On this 2nd day of May, 2012, before me, the undersigned notary public, personally appeared Christopher Utzat, 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.

Dennis M. St. Croix
Notary Public
My commission expires 2/20/15

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 2nd day
of May, 2012.

Ryan Amara
Ryan Amara

State of Massachusetts
County of Essex } ss

On this 2nd day of May, 2012, before me, the undersigned notary public, personally appeared Ryan 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.

Judith M. St. Croix
Notary Public
My commission expires 3/20/15

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this _____ day
of _____, 2012

Inventor Signature: _____
Inventor Name: Timothy Scott Rider

Witness:
Witness Signature: _____
Witness Name: _____
Date: _____

PATENT ASSIGNMENT

WHEREAS, we, Elena Chernokalskaya, Vivek Joshi, Phillip Clark, Christopher Utzat, Ryan Amara and Timothy Scott Rider have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "Devices and Methods for Infrared (IR) Based Quantitation of BioMolecules", filed in the U.S. Patent and Trademark Office, assigned U.S. Patent Application No.: 13/415,400 and accorded Filing Date of March 8, 2012; and

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IN WITNESS WHEREOF, I hereby set my hand and affix my seal this _____ day
of _____, 2012.

Ryan Amara

State of _____)
County of _____) ss

On this _____ day of _____, 2012, before me, the undersigned notary public, personally appeared Ryan 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 16 day
of April, 2012

Inventor Signature: [Signature]
Inventor Name: Timothy Scott Rider

Witness:
Witness Signature: [Signature]
Witness Name: Bruce J. Carter
Date: 4/16/2012