

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>Guillermo J. Tearney</td> <td>01/26/2007</td> </tr> <tr> <td>Milen Shishkov</td> <td>01/26/2007</td> </tr> <tr> <td>Brett Eugene Bouma</td> <td>01/26/2007</td> </tr> <tr> <td>Benjamin J. Vakoc</td> <td>01/26/2007</td> </tr> </tbody> </table>		Name	Execution Date	Guillermo J. Tearney	01/26/2007	Milen Shishkov	01/26/2007	Brett Eugene Bouma	01/26/2007	Benjamin J. Vakoc	01/26/2007
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RECEIVING PARTY DATA											
Name:	The General Hospital Corporation										
Street Address:	55 Fruit Street										
City:	Boston										
State/Country:	MASSACHUSETTS										
Postal Code:	02114										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13901921</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13901921						
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CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	187504.US.13-475387-1011										
NAME OF SUBMITTER:	Gary Abelev										
Signature:	/s/ Gary Abelev										

Date:

05/24/2013

Total Attachments: 6

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ASSIGNMENT

WHEREAS, WE,

GUILLERMO J. TEARNEY

12 Fairmont Street
Cambridge, MA 02139

Citizenship: United States of America

MILEN SHISHKOV

131 Coolidge Avenue
Apt. 516
Watertwon, MA 02472

Citizenship: Bulgaria

BRETT EUGENE BOUMA

12 Monmouth Street
Quincy, Massachusetts 02171

Citizenship: United States of America

and

BENJAMIN J. VAKOC

3 Sargent Street
Cambridge, MA 02140

Citizenship: United States of America

have made an invention entitled "APPARATUS FOR APPLYING A PLURALITY OF ELECTRO-MAGNETIC RADIATIONS TO A SAMPLE" as set forth and described in this non-provisional patent application which is being filed with the U.S. Patent and Trademark Office herewith; and

WHEREAS, THE GENERAL HOSPITAL CORPORATION, a Corporation of Massachusetts, having an office for the transaction of business at 55 Fruit Street, Boston, Massachusetts 02114, is desirous of acquiring our entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said GUILLERMO J. TEARNEY, MILEN SHISHKOV, BRETT EUGENE BOUMA and BENJAMIN J. VAKOC, and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said THE GENERAL

HOSPITAL CORPORATION, and other valuable considerations unto us me moving from said THE GENERAL HOSPITAL CORPORATION, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said THE GENERAL HOSPITAL CORPORATION, its successors and assigns, the entire right, title and interest in and to the said invention entitled "APPARATUS FOR APPLYING A PLURALITY OF ELECTRO-MAGNETIC RADIATIONS TO A SAMPLE" as set forth and described in a non-provisional patent application which is being filed with the U.S. Patent and Trademark Office herewith, and any and all improvements thereon, and in and to said application and any application claiming priority therefrom, and any other application, division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said GUILLERMO J. TEARNEY, MILEN SHISHKOV, BRETT EUGENE and BENJAMIN J. VAKOC do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said THE GENERAL HOSPITAL CORPORATION, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said THE GENERAL HOSPITAL CORPORATION, its successors and assigns;

AND WE, the said GUILLERMO J. TEARNEY, MILEN SHISHKOV, BRETT EUGENE BOUMA, and BENJAMIN J. VAKOC for the considerations aforesaid, do hereby covenant and agree to and with said THE GENERAL HOSPITAL CORPORATION, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said THE GENERAL HOSPITAL CORPORATION, its successors and assigns, may be required or necessary to more effectively secure to and vest in said THE GENERAL HOSPITAL CORPORATION, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said GUILLERMO J. TEARNEY, MILEN SHISHKOV, BRETT EUGENE BOUMA and BENJAMIN J. VAKOC have hereunto set our hands and seals on the date below written.

M Shishkov

MILEN SHISHKOV

STATE OF *Massachusetts*,
COUNTY OF *Suffolk* : ss.:

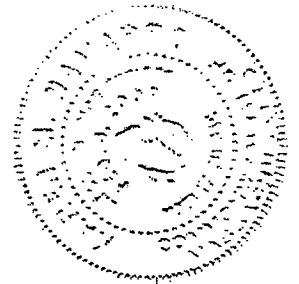
BE IT KNOWN, that on this *26* day of *JANUARY*, 2007, before me personally came MILEN SHISHKOV, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and she acknowledged to me that she executed the same as her free act and deed for the use and purposes therein mentioned.

Karen M. Navarro

Notary Public



KAREN M. NAVARRO
Notary Public
Commonwealth of Massachusetts
My Commission Expires
February 6, 2009



[Handwritten Signature]

BENJAMIN J. VAKOC

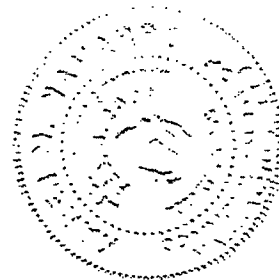
STATE OF *Massachusetts*)
COUNTY OF *Suffolk*) : ss.:

BE IT KNOWN, that on this *26* day of *January*, 2007, before me personally came BENJAMIN J. VAKOC, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and she acknowledged to me that she executed the same as her free act and deed for the use and purposes therein mentioned.

[Handwritten Signature]
Notary Public



KAREN M. NAVARRO
Notary Public
Commonwealth of Massachusetts
My Commission Expires
February 6, 2009



4831-4982-6305\1