PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Johannes Fitzgerald deBoer</td>
<td>07/09/2004</td>
</tr>
<tr>
<td>Guillermo J. Tearney</td>
<td>07/09/2004</td>
</tr>
<tr>
<td>Brett E. Bouma</td>
<td>07/09/2004</td>
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RECEIVING PARTY DATA

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<tr>
<th>Name</th>
<th>The General Hospital Corporation</th>
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<tbody>
<tr>
<td>Street Address</td>
<td>55 Fruit Street</td>
</tr>
<tr>
<td>City</td>
<td>Boston</td>
</tr>
<tr>
<td>State/Country</td>
<td>MASSACHUSETTS</td>
</tr>
<tr>
<td>Postal Code</td>
<td>02114</td>
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PROPERTY NUMBERS Total: 1

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CORRESPONDENCE DATA

Fax Number: (212)953-7201

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 475387-467

NAME OF SUBMITTER: Gary Abelev

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE,

JOHANNES FITZGERALD de BOER
60 C Marshall Street
Somerville, Massachusetts 02145

Citizenship: The Netherlands

and

GUILLERMO J. TEARNEY
12 Fairmont Street
Cambridge, Massachusetts 02139

Citizenship: United States of America

BRETT E. BOUMA
12 Monmouth Street
Quincy, Massachusetts 02114

Citizenship: United States of America

have made an invention entitled "APPARATUS AND METHOD FOR RANGING AND NOISE REDUCTION OF LOW COHERENCE INTERFEROMETRY (LCI) AND OPTICAL COHERENCE TOMOGRAPHY (OCT) SIGNALS BY PARALLEL DETECTION OF SPECTRAL BANDS," as set forth and described in patent application which was filed with the PCT Receiving Office on January 24, 2003, and assigned International application no. PCT/US03/02349; 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 JOHANNES FITZGERALD de BOER, GUILLERMO J. TEARNEY and BRETT E. BOUMA and for 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 moving from said THE GENERAL HOSPITAL CORPORATION, at or before the ensealing 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 "APPARATUS AND METHOD FOR RANGING AND NOISE REDUCTION OF LOW COHERENCE INTERFEROLOGY (LCI) AND OPTICAL COHERENCE TOMOGRAPHY (OCT) SIGNALS BY PARALLEL DETECTION OF SPECTRAL BANDS," as set forth and described in international patent application no. PCT/US03/02349 and filed with the U. S. Patent and Trademark Office on January 24, 2003, and any and all improvements thereon, and in and to said application and any application claiming priority therefrom, and any 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, 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 JOHANNES FITZGERALD de BOER, GUILLERMO J. TEARNEY, and BRETT E. BOUMA 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 JOHANNES FITZGERALD de BOER, GUILLERMO J. TEARNEY and BRETT E. BOUMA for the considerations aforesaid, do hereby covenant and agree to and with said 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 more effectively to 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, titles, 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 JOHANNES FITZGERALD de BOER
GUILLERMO J. TEARNEY and BRETT E. BOUMA and have hereunto set our hands and
seals on the dates below written.

JOHANNES FITZGERALD de BOER

STATE OF MA

: ss:

COUNTY OF Suffolk

BE IT KNOWN, that on this 9 day of July, 2004, before me personally
came JOHANNES FITZGERALD de BOER, to me known and known to me to be the
person mentioned in and who executed the foregoing assignment, and he acknowledged to
me that he executed the same as his free act and deed for the use and purposes therein
mentioned.

Patricia Sullivan
Notary Public

GUILLERMO J. TEARNEY

STATE OF MA

: ss:

COUNTY OF Suffolk

BE IT KNOWN, that on this 9 day of July, 2004, before me personally
came GUILLERMO J. TEARNEY, to me known and known to me to be the person
mentioned in and who executed the foregoing assignment, and he acknowledged to me that
he executed the same as his free act and deed for the use and purposes therein mentioned.

Patricia Sullivan
Notary Public
STATE OF MA

COUNTY OF Suffolk

BE IT KNOWN, that on this 9 day of July, 2004, before me personally came BRETT E. BOUMA, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

[Signature]
Notary Public