

PATENT ASSIGNMENT

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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>Rostyslav Boutchko</td> <td>01/12/2010</td> </tr> <tr> <td>Karthikayan Balakrishnan</td> <td>01/08/2010</td> </tr> <tr> <td>Grant T. Gullberg</td> <td>01/12/2010</td> </tr> <tr> <td>James P. O'Neil</td> <td>01/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Rostyslav Boutchko	01/12/2010	Karthikayan Balakrishnan	01/08/2010	Grant T. Gullberg	01/12/2010	James P. O'Neil	01/12/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street, 12th Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607-5200</td> </tr> </table>		Name:	The Regents of the University of California	Street Address:	1111 Franklin Street, 12th Floor	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94607-5200
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PROPERTY NUMBERS Total: 3											
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CORRESPONDENCE DATA											
<p>Fax Number: (510)486-7896</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 510-486-7058</p> <p>Email: skreineman@lbl.gov</p> <p>Correspondent Name: LAWRENCE BERKELEY NATIONAL LABORATORY</p> <p>Address Line 1: Technology Transfer & Intellectual Prope</p> <p>Address Line 2: One Cyolotron Road MS 56A-120</p> <p>Address Line 4: BERKELEY, CALIFORNIA 94720-8127</p>											
ATTORNEY DOCKET NUMBER:	IB2358, IB2358P, IB2358PC										

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PATENT
REEL: 024076 FRAME: 0122

NAME OF SUBMITTER:

Sharon Kay Reineman

Total Attachments: 3

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

Rostyslav Boutchko Residing at **2610 Regent St., Apt. 302**
Berkeley, CA 94704

Karthikayan Balakrishnan Residing at **4 Echo Ct, #10**
Vernon Hills, IL 60061

[illegible]

James P. O'Neil Residing at **558 Victoria Ct.**
San Leandro, CA 94577

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12TH Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

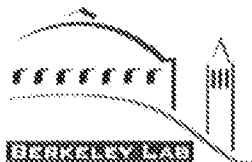
TITLE: Human Torso Phantom for Imaging of Heart with Realistic Modes of Cardiac and Respiratory Motion

and which is found in U.S. patent application serial no. 12/630,818 filed on December 3, 2009

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney

**ASSIGNMENT**

of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

Executed this:

12 day of January, 2010

Signature of Inventor:


Rostyslav Boutchko

Executed this:

_____ day of _____, 2010

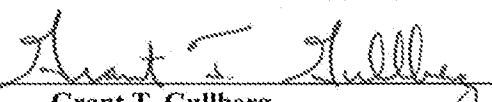
Signature of Inventor:

Karthikayan Balakrishnan

Executed this:

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Signature of Inventor:


Grant T. Gullberg

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Executed this:

_____ day of _____, 2010

Signature of Inventor:

Rostyslav Boutchko

Executed this:

7 day of Jan, 2010

Signature of Inventor:

Karthikayan Balakrishnan

Executed this:

_____ day of _____, 2010

Signature of Inventor:

Grant T. Gullberg

Executed this:

_____ day of _____, 2010

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James P. O'Neil