


Client Code: CMUNI.001A

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) a. Raphael Hirsch b. Chian Kent Kwoh Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: University of Pittsburgh - Of the Commonwealth System of Higher Education Street Address: 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets City: Pittsburgh State: PA ZIP: 15260 Additional name(s) of receiving party(ies) attached? () Yes (X) No
3. Nature of conveyance: () Assignment () Security Agreement () Merger () Change of Name (X) Other: Correction to receiving party's name, original recordation on reel/frame 022375/0411 Execution Date: (List as in section 1 if multiple signatures) a. December 9, 2008 b. December 9, 2008	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 11/223,565 Filing Date: September 9, 2005 Additional numbers attached? () Yes (X) No
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: CMUNI.001A	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40.00 (X) Authorized to be charged to deposit account	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between;"> <div> Gregory Tse Name of Person Signing 63,119 Registration No. </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>3/13/09</u> Date </div> </div> Total number of pages including cover sheet, attachments and document: 4	

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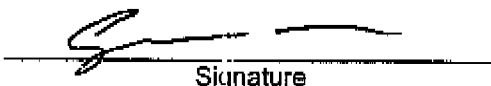
PATENT
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<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Gregory Tse</u> Name of Person Signing</p> <p>63,119 Registration No.</p> <p> Signature</p> <p><u>3/9/09</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

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PATENT
REEL: 022397 FRAME: 0615

Application No.: 11/223,565
Filing Date: September 9, 2005

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ASSIGNMENT

WHEREAS, We, Raphael Hirsch, a U.S. citizen, having a place of residence at 624 Woodvalley Drive, Pittsburgh, PA 15238, and Chian Kent Kwoh, a U.S. citizen, having a place of residence at 316 Wildberry Road, Pittsburgh, PA 15238, along with other inventors, have invented certain new and useful improvements in a METHOD OF ASSESSING LOCALIZED SHAPE AND TEMPERATURE OF THE HUMAN BODY for which we have filed an application for Letters Patent in the United States, U.S. Patent Application No. 11/223,565, filed on September 9, 2005;

AND WHEREAS, University of Pittsburgh — Of the Commonwealth System of Higher Education (hereinafter "ASSIGNEE"), a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, with an office at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, PA 15260, desires to acquire our entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, Raphael Hirsch and Chian Kent Kwoh, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 60/608,507, filed September 9, 2004), and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

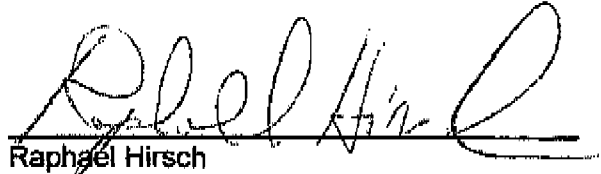
AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of DECEMBER, 2008


 Raphael Hirsch


STATE OF }
 COUNTY OF } ss.

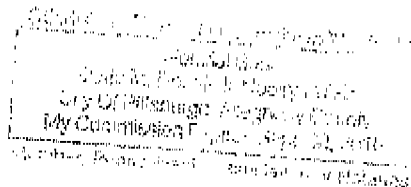
On December 9, 2008 before me, Raphael Hirsch, notary public, personally appeared Raphael Hirsch who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]


 Notary Signature



Application No.: 11/223,565
Filing Date: September 9, 2005

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Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of
December, 2008.

Chian Kent Kwoh
Chian Kent Kwoh

STATE OF Pennsylvania }
COUNTY OF Allegheny } ss.

On December 9, 2008, before me, Brian Ickes, notary public, personally appeared Chian Kent Kwoh who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Brian Ickes, Notary Public
O'Hara Twp., Allegheny County
My Commission Expires March 28, 2011
Member, Pennsylvania Association of Notaries

Brian Ickes
Notary Signature

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