

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nandakumar Selvaraj	11/18/2011
RECEIVING PARTY DATA	
Name:	Worcester Polytechnic Institute
Street Address:	100 Institute Road
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01609
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1053382
CORRESPONDENCE DATA	
Fax Number:	(617)345-3299
Phone:	(617) 345-3000
Email:	mschepper@burnslev.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:	Marlo M. Schepper
Address Line 1:	Burns & Levinson LLP
Address Line 2:	125 Summer Street
Address Line 4:	Boston, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	30210-193 PCT
NAME OF SUBMITTER:	Marlo M. Schepper
Total Attachments: 2 source=01654781#page1.tif source=01654781#page2.tif	

CH \$40.00 US1053382

501737111

PATENT
REEL: 027295 FRAME: 0139

ASSIGNMENT

WHEREAS, I, Nandakumar Selvaraj, a resident of Worcester, Massachusetts (hereinafter referred to as "Assignor"), have jointly made an invention with Ki H. Chon, a resident of Worcester, Massachusetts, entitled APPARATUS AND METHOD FOR RESPIRATORY RATE DETECTION AND EARLY DETECTION OF BLOOD VOLUME, for which an international application was filed on October 20, 2010 and accorded International Application No. PCT/US10/53382, which in turn claims priority to U.S. Provisional Patent Application No. 61/253,205 filed October 20, 2009 and to U.S. Provisional Patent Application No. 61/392,287 filed October 12, 2010.

WHEREAS, Worcester Polytechnic Institute, a corporation, organized and existing under the laws of the Commonwealth of Massachusetts, having its principal place of business at 100 Institute Road, Worcester, Massachusetts 01609 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

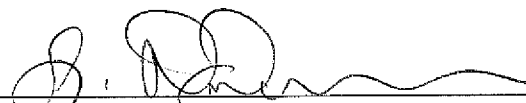
NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents, does sell, assign and transfer to Assignee, Assignor's entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, continuations-in-part, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignor had this sale, assignment and transfer not been made.

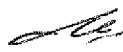
Assignor hereby authorizes and request the Commissioner for Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignor covenants with Assignee, its successors, assigns, and legal representatives that Assignor has full right to convey the entire interest herein assigned, and that Assignor has not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.


Assignor further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignor by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and/or exploit said invention.

Executed this 18 day of Nov, 2011.


Nandakumar Selvaraj

Witness (1): 
Print Name: Bersain A. Reyes

Date: 11/16/2011

Witness (2): 
Print Name: Chris Scully

Date: 11/18/2011