

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SENTHILKUMAR SADHASIVAM	06/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHILDREN'S HOSPITAL MEDICAL CENTER
<b>Street Address:</b>	3333 BURNET AVENUE
<b>City:</b>	CINCINNATI
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45229
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15120087
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)636-8453
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	513-636-4746
<b>Email:</b>	CTC_Patents@cchmc.org
<b>Correspondent Name:</b>	MELODY BIDDULPH
<b>Address Line 1:</b>	3333 BURNET AVENUE
<b>Address Line 2:</b>	MLC7032
<b>Address Line 4:</b>	CINCINNATI, OHIO 45229
<b>ATTORNEY DOCKET NUMBER:</b>	2014-0207L_15/120,087
<b>NAME OF SUBMITTER:</b>	MELODY BIDDULPH
<b>SIGNATURE:</b>	/Melody Biddulph/
<b>DATE SIGNED:</b>	09/28/2016
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

WHEREAS, I, Senthilkumar Sadhasivam, a citizen of the United States, residing at 5357 Mapledale Way, Mason, OH 45040, have invented certain new and useful improvements in PERSONALIZED PAIN MANAGEMENT AND ANESTHESIA-PREEMPTIVE RISK IDENTIFICATION AND THERAPEUTIC DECISION SUPPORT for which a provisional application was filed in the United States, identified by the application number and filing date noted above (the "Application");

AND WHEREAS, Children's Hospital Medical Center (hereinafter "ASSIGNEE"), a not-for-profit, with its principal place of business at 3333 Burnet Avenue, Cincinnati, OH 45229-3039, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I the inventor, hereby declare and confirm that on the date of the Application I did sell, assign, transfer, and set over, and hereby do sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application, including any improvements made thereto, including subsequent provisional applications, and any utility (non-provisional) application(s) claiming priority thereto that have been or may hereafter be filed; such filings including 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 I hereby authorize and request the Commissioner for 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 the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY DECLARE that I did sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to ASSIGNEE, his 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 the said Letters Patent, before or after issuance.

AND I DID AND HEREBY DO covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the improvements, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application including any improvements made thereto, any utility (non-provisional) application(s) filed

therefrom, and any continuing application(s) filed from aforementioned utility application(s), and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date: 6/5/2014

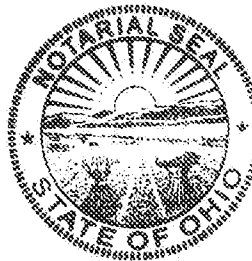
Senthilkumar  
Senthilkumar Sadhasivam

STATE OF Ohio }  
COUNTY OF Hamilton } ss.

On 6/5/2014 before me, Melody Biddulph, personally appeared Senthilkumar Sadhasivam, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Melody Biddulph (Seal)



Melody L. Biddulph  
Notary Public, State of Ohio  
My Commission Expires 03-13-2019