

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6609303

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SENTHILKUMAR SADHASIVAM	02/06/2012
VIDYA CHIDAMBARAN	02/06/2012
JOHN MCAULIFFE	02/06/2012
KEJIAN ZHANG	02/03/2012
JAROSLAW MELLER	10/17/2012
CYNTHIA A. PROWS	10/15/2012
TSUYOSHI FUKUDA	10/16/2012
RECEIVING PARTY DATA	
Name:	CHILDREN'S HOSPITAL MEDICAL CENTER
Street Address:	3333 BURNET AVENUE
City:	CINCINNATI
State/Country:	OHIO
Postal Code:	45229
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16946399
Application Number:	16946401
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	513-803-8578
Email:	innovation.ventures_patents@cchmc.org
Correspondent Name:	LORETTA SHIRK
Address Line 1:	3333 BURNET AVE.
Address Line 2:	MLC7032
Address Line 4:	CINCINNATI, OHIO 45229
ATTORNEY DOCKET NUMBER:	2019-0914C1B&C1C
NAME OF SUBMITTER:	LORETTA SHIRK
SIGNATURE:	/Loretta Shirk/

PATENT

DATE SIGNED:	03/18/2021
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Total Attachments: 11

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ASSIGNMENT

WHEREAS, We, Senthilkumar SADHASIVAM, a citizen of India, residing at 5357 Mapledale Way, Mason, OH 45040, Vidya CHILDAMBARAN, a citizen of India, residing at 8782 Brooks Creek Drive, #1526, Cincinnati, OH 45249, John MCAULIFFE, a citizen of the United States, residing at 3260 Lamarc Trail, Cincinnati, OH 45241, and Kejian ZHANG, a citizen of the United States, residing at 7616 Holliston Place, Cincinnati, OH 45255, have invented certain new and useful improvements in METHODS AND COMPOSITIONS FOR CONDUCTING GENETIC PROFILING AND PERSONALIZATION OF SURGICAL ANALGESIA 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, a not-for-profit organization, with a 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, WE, the inventors, hereby declare and confirm that on the date of the Application WE 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 WE 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 WE DO HEREBY DECLARE that WE 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 WE DID AND HEREBY DO covenant and agree that WE 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: 2/6/2012

Senthilkumar
Senthilkumar SADHASIVAM

STATE OF OHIO }
COUNTY OF HAMILTON } ss.

On Feb 6, 2012 before me, Carole J. Burns, 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 executed the same in his authorized capacity and that by his 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 Carole J. Burns



Carole J. Burns
Notary Public, State of Ohio
My Commission Expires 08-16-2014

Date: 2/6/2012


Vidya CHILDAMBARAN

STATE OF OHIO }
COUNTY OF HAMILTON } ss.

On 2/6/2012 before me, CAROLE J. BURNS, personally appeared Vidya CHILDAMBARAN, 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 executed the same in his authorized capacity and that by his 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 



Carole J. Burns
Notary Public, State of Ohio
My Commission Expires 08-16-2014

Date:

6 February, 2012


John MCAULIFFE

STATE OF OHIO }

ss.

COUNTY OF HAMILTON }

On 2/6/2012 before me, CAROLE J. BURNS, personally appeared John MCAULIFFE, 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 executed the same in his authorized capacity and that by his 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

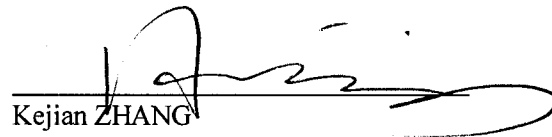


(S)



Carole J. Burns
Notary Public, State of Ohio
My Commission Expires 08-16-2014

Date: 2/3/2012


Kejian ZHANG

STATE OF OHIO }
COUNTY OF HAMILTON } ss.

On 2/3/12 before me, CAROLE J. BURNS, personally appeared
Kejian ZHANG, 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 executed the same in his authorized
capacity and that by his 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 Carole J. Burns (Seal)



Carole J. Burns
Notary Public, State of Ohio
My Commission Expires 08-16-2014

ASSIGNMENT

WHEREAS, We, Senthilkumar SADHASIVAM, a citizen of the India, residing at 5357 Mapledale Way, Mason, OH 45040, Jaroslaw MELLER, a citizen of the US residing at 10842 Lake Thames Drive, Cincinnati, Ohio 45242, Cynthia A. PROWS, a citizen of the US residing at 12159 Bear Valley Court, Cincinnati OH 45241 and Tsuyoshi FUKUDA, a citizen of Japan residing at 7921 Village Drive, Cincinnati, OH 45242, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in PERSONALIZING PERIOPERATIVE OPIOID ANALGESIA-PREDICTIVE MODELS AND DECISION ALGORITHMS 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 organization 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, WE, the inventors, hereby declare and confirm that on the date of the Application WE 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 WE 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 WE DO HEREBY DECLARE that WE 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 WE DID AND HEREBY DO covenant and agree that WE 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

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Filing Date: June 18, 2012

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ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.


Senthilkumar SADHASIVAM

On 10-16-12 before me, Senthil Kumar Sadhasivam, 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.

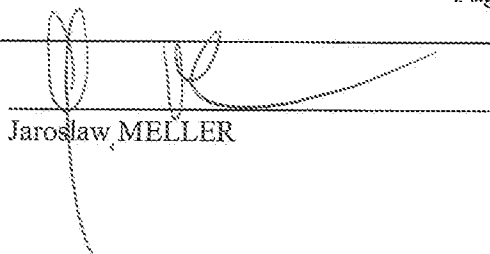
Signature Jonas Denton - White (Seal)



Tonia Denton-Isome
Notary Public, State of Ohio
My Commission Expires 05-20-2014

Date:

10/17/12


Jaroslaw MELLER

STATE OF

Ohio

ss.

COUNTY OF

Harrison

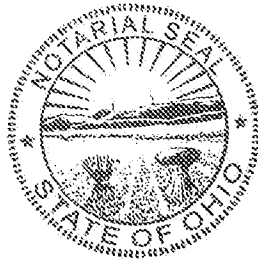
On 10/17/12 before me, Leslie D. Kemper, personally appeared Jaroslaw MELLER, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature 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

Leslie D. Kemper

(Seal)



Leslie D. Kemper
Notary Public, State of Ohio
My Commission Expires 02-18-2017

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Filing Date: June 18, 2012

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Date: 10/15/2012

Cynthia A. Prows
Cynthia A. PROWS

STATE OF Ohio }
COUNTY OF Hamilton } ss.

On 10/15/2012 before me, Cynthia A. Prows, personally appeared Cynthia A. PROWS, 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 Talley L. Patterson (Seal)

TALLEY L. PATTERSON
Notary Public, State of Ohio
My Commission Expires May 3, 2017
Recorded in Clermont County

Date: 10/16/2012

Tsuyoshi Fukuda
Tsuyoshi FUKUDA

STATE OF _____ }
ss.

COUNTY OF _____ }

On 10-16-12 before me, Tsuyoshi FUKUDA, personally appeared Tsuyoshi FUKUDA, 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 Tonia Denton-Jacobs (Seal)



Tonia Denton-Jacobs
Notary Public, State
My Commission Expires



Tonia Denton-Jacobs
Notary Public
My Commission Expires 10-2014