#### 07/12/2017 504452414

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4499115

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CAGRI GIRAY BESIRLI	04/23/2016
STEPHEN SMITH	05/05/2016
KEVIN P. PIPE	04/08/2016
MR. GUN-HO KIM	05/10/2016

### **RECEIVING PARTY DATA**

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	OFFICE OF TECHNOLOGY TRANSFER
Internal Address:	1600 HURON PARKWAY, 2ND FLOOR
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48109-2590

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15647297

#### **CORRESPONDENCE DATA**

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**Correspondent Name:** HARNESS, DICKEY & PIERCE, P.L.C.

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ATTORNEY DOCKET NUMBER:	2115-006401-US-COB
NAME OF SUBMITTER:	STACY STEINER
SIGNATURE:	/Stacy Steiner/
DATE SIGNED:	07/12/2017

**Total Attachments: 5** 

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**PATENT REEL: 042981 FRAME: 0279** 504452414

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PATENT REEL: 042981 FRAME: 0280

#### ASSIGNMENT

Serial No: 15/079,132 Filed: March 24, 2016

Title: APPLICATOR FOR CRYOANESTHESIA AND ANALGESIA

AND

Serial No: PCT/US2016/023944 Filed: March 24, 2016

Title: APPLICATOR FOR CRYOANESTHESIA AND ANALGESIA

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Office of Technology Transfer, 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 and its successors and assigns ("Assignee") the entire right, title and interest in and to the patent rights of such undersigned disclosed in the application listed above, and in any and all applications claiming priority thereto, including any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said patent rights, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or an original joint inventor of a claimed patent rights in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.

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PATENT REEL: 042981 FRAME: 0281 Upon the request of Assigner and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said patent rights, including without limitation for the recense, reexamination, supplementary protection certificate or extension thereof and any eath, declaration or affidaviated that said Assignee may doesn necessary or expectant, and to cooperate to the best of the shiftly of the undersigned with and perform any and all affirmative sets requested by Assignee to prepare, file, prosecute, maintain, definal, cuforce and vest in Assignee the rights, title and interests assigned berron, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be pranted as fully and entirely as the same would have been beld and enjoyed by the undersigned of this assignment had not been made.

On british of Assignee.	Tara M. Hartman	
	Associate General Councel	
hereby confirms Assigned is a	confunct of all rights, privalege	s, title and interests conveyed by this exaginate
	Apriliane	Date
Date 24/22/2016	Signature	
ar La La		Cagn Gimy BESIRLI
Date: 27/23/206	Signature	<u>Maria Kalasa.</u> Kan Winess Name
Date:	Signature	
Date	Signatore	Stephen SMITH
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Date:	Signatore:	Kovm P. PIPE
<b>*</b>		2500 620 6. \$(\$6.\$)
Date:	Signature	Witness Name
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Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said patent rights, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,	Tara M. Hartman Name	
	Associate General Counsel	
hereby confirms Assignee's ac		e and interests conveyed by this assignment,
	Signature	US/10/2016
Date:	Signature:	Cagri Giray BESIRLI
Date:		Witness Name
Date: 5/5/20/6  Date: 5/5/20/01/	Signature:	Stephen SMITH
Date:	Signature: <u>(</u>	Vitness Narke
Date:	Signature:	Kevin P. PIPE
Date:	Signature:	Witness Name

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Upon the request of Assignce and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said patent rights, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignce may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignce to prepare, file, prosecute, maimain, defend, enforce and vest in Assignce the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee.	Tara M. Hartman	
	Name	
	Associate General Counse	
	Title	
hereby confirms Assignee's	acceptance of all rights, privileg	ics, little and interests conveyed by this assignmen
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	Signature	05/10/2016 Date
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Nata:	Cianatura	
Date:	Signature:	Cagri Giray BESIRLI
		Contract Court Systems (1775)
Date:	Signature:	
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*		Kevin P. PIPE
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Date: 4/8/16	Signature:	- Bark- Bill
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		AL RESONDO CAUSSIE

 Date:
 05/10/2016
 Signature:
 July 125

 Gun-Ho KIM

 Date:
 05/10/2016
 Signature:
 July 125

Witness Name