#### 506234261 09/02/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6281005

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SEAN DAVID KNECHT	07/01/2020
CHRISTOPHER A. SIEDLECKI	08/08/2020
SVEN GUNNAR BILEN	07/01/2020
MICHAEL MATTHEW MICCI	07/06/2020
IAN GILCHRIST	07/15/2020
GIRISH SOORAPPA KIRIMANJESWARA	07/06/2020

### **RECEIVING PARTY DATA**

Name:	THE PENN STATE RESEARCH FOUNDATION
Street Address:	304 OLD MAIN
City:	UNIVERSITY PARK
State/Country:	PENNSYLVANIA
Postal Code:	16802

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16637168

#### **CORRESPONDENCE DATA**

Fax Number: (734)913-6007

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.

Phone: (734) 913-9300

Aniko.Taganyi@DINSMORE.COM Email:

DOUGLAS L. WATHEN **Correspondent Name: DINSMORE & SHOHL LLP** Address Line 1:

Address Line 2: 900 WILSHIRE DRIVE, SUITE 300

TROY, MICHIGAN 48084 Address Line 4:

ATTORNEY DOCKET NUMBER:	36PST90202PA
NAME OF SUBMITTER:	DOUGLAS L. WATHEN
SIGNATURE:	/Douglas L. Wathen/
DATE SIGNED:	09/02/2020

**PATENT REEL: 053676 FRAME: 0666** 

506234261

## **Total Attachments: 6**

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#### ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), I, SEAN DAVID KNECHT, CHRISTOPHER A. SIEDLECKI. SVEN GUNNAR BILEN, MICHAEL MATTHEW MICCI, IAN GILCHRIST; and GIRISH SOORAPPA KIRIMANIESWARA, hereby sell, assign and transfer unto the University's designce, THE PENN STATE RESEARCH FOUNDATION, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

# "LOW-TEMPERATURE PLASMA CATHETER FOR LESS-INVASIVE, LOCALIZED TREATMENT OF ENDOCARDITIS AND ATHEROSCLEROSIS"

signed by us on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

We request that any and all patents for said inventions be issued to said assignce, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at University Park, Pennsylvan	nia, this 15 t	_day of
Witness: Ml. Rys		Signed: Sax Dand Knockt
STATE OF PENNSYLVANIA	, or	SEAN DAVID KNECHT
COUNTY OF CENTRE	; \$\$; ;	
On this 154 day of	VID KNECHT . ledged that he ex	2020, before me, a Notary Public in and for the county and to me personally known to be the person whose name is subscribed to ecuted said instrument as his free and voluntary act for the uses and

Commonwealth of Pennsylvania - Notary Seal ALLEN MCCRIFF - Notary Public

Centre County

My Commission Expires Oct 27, 2023

Commission Number 1294112

Noisry Public

Witness my hand and seal the day and year last above given.

[Page 1 of 4 - Signatures Continued on Page 2]

**PATENT** 

REEL: 053676 FRAME: 0668

Signed at University Park, Permsylvania, this	day of
Witness:	Signed: CHRISTOPHER A. SIEDLECKI
Witness my hand and seal the day and year	, 2020, before me, a Notary Public in and for the county and <u>DLECKI</u> , to me personally known to be the person whose name is ledged that he executed said instrument as his free and voluntary act for the
Commonwealth of Pennsylvania - Notary Seal JENNIFER (BUNKE, Hotary Public Dauphin County My Commission Expires, June 19, 2023 Commission Number 1291536	Notary Publis
Signed at University Park, Pennsylvania, this	day of, 2020.
Witness:	Signed: SVEN GUNNAR BILEN
STATE OF PENNSYLVANIA :	
COUNTY OF CENTRE : ss:	
On thisday of	. 2020, before me, a Notary Public in and for the county and in to me personally known to be the person whose name is subscribed to executed said instrument as his free and voluntary set for the uses and
Witness my hand and seal the day and year	last above given.
	Notary Public

[Page 2 of 4 - Assignment Signatures for Serial No. 16/637,168

[Page 2 of 4 - Signatures Continued on Page 3]

·		
Signed at University Park, Pennsylvania, th	isday of	, 2020.
Witness:	Signed: C	HRISTOPHER A. SIEDLECKI
OTATE AT BENBOOKS CLANS		
STATE OF PENNSYLVANIA	; ; \$8:	
COUNTY OF CENTRE	;	
On thisday of	, 2020, bef .A. <u>SIEDLECKI</u> , to me per acknowledged that he execute	ore me, a Notary Public in and for the county and sonally known to be the person whose name is d said instrument as his free and voluntary act for the
Witness my hand and seal the day	and year last above given.	
	Notary Public	
Signed at University Park, Pennsylvania, th	is <u>15+</u> day of <u>Jul</u>	2020.
wimess: <u>Uli Il-giff</u>	Signed: S'	Low Juna 1/4
STATE OF PENNSYLVANIA	:	
COUNTY OF CENTRE	; \$8;	
On this <u>standay</u> day of <u>Survival State aforesaid, appeared <u>SVEN GUNNAI</u> the foregoing instrument, and acknowledged purposes therein expressed.</u>		ore me, a Notary Public in and for the county and nown to be the person whose name is subscribed to tent as his free and voluntary act for the uses and
Witness my hand and seal the day	and year last above given.	
000000000000000000000000000000000000000	N/h M.	
Commonwestin of Pennsylvania - Nutary Seal ALLEN MCCRIFF - Notary Ptiblic Centre County My Commission Expires Det 27, 2023 Commission Number 1294112	Notary Public	

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[Page 2 of 4 - Signatures Continued on Page 3]

(Page 3 of 4 - As	signment Signah	ures for Serial No. <u>16/6</u>	37.168
Signed at University Park, Pennsylvania, this	s_6day c	K_JULY	, 2020.
Witness: Mh M giff	······	Signed: MICHAEL M	ATTHEW MICCI
STATE OF PENNSYLVANIA	:		
COUNTY OF CENTRE	; <b>ss</b> ; ;		
On this day of State aforesaid, appearedMICHAEL MAT subscribed to the foregoing instrument, and a uses and purposes therein expressed.	THEW MICCI cknowledged tha	, 2020, before me, a No _, to me personally know a he executed said instru	otary Public in and for the county and wn to be the person whose name is iment as his free and voluntary act for the
Witness my hand and seal the day at			
Commonwealth of Pennsylvania - Notary Seal ALLEN MCGRIFF - Notary Public	Notary I	Un /Repl	
Centre County My Commission Expires Oct 27, 2023 Commission Number 1294112			
Signed at University Park, Pennsylvania, this	day o	f	, 2620.
Wimess:		683	
Witness:	******************************	IAN GILCHR	IST
STATE OF PENNSYLVANIA :			
COUNTY OF CENTRE :	\$\$:		
On thisday of	to me p	_ 2020, before me, a No ersonally known to be to said instrument as his fin	stary. Public in and for the county and the person whose name is subscribed to se and voluntary act for the uses and
Witness my hand and seal the day an	d year last above	given.	
	Notary F	'ublic	

[Page 3 of 4 - Signatures Continued on Page 4]

Signed at University Park, Pennsylva	unia, this day of		, 2026.
Witness:		igned:	ATTHEW MICCI
		MICHAEL M.	ATTHEW MICCI
STATE OF PENNSYLVANIA	;		
COUNTY OF CENTRE	; <b>32</b> ;		
On this day of	nt, and acknowledged that	2020, before me, a No to me personally know he executed said instru	stary Public in and for the county and on to be the person whose name is ment as his free and voluntary act for the
Witness my hand and seal t	he day and year last above	given	
	Notary Pr	ıblic	
· ·			
Signed at University-Back Pennsylv	ania, this <u>15</u> day of	July	. 2020.
Witness: Collegn WWW	101	Signed: IAN GILCHR	Zhlet Ist
STATE OF PENNSYLYANIA	:		
COUNTY OF CENTRE—DUM	)har		
On this D'day of State aforesaid, appeared IAN GIL the foregoing instrument, and acknopurposes therein expressed.	CHRIST . to me po	ersonally known to be t	otary Public in and for the county and the person whose name is subscribed to see and voluntary act for the uses and
Witness my hand and seal t	he day and year last above	given.	· · · · · · · · · · · · · · · · · · ·
	Notary P	llen M	Mchalas
	[Page 3 of 4 – Signatur	es Continued on Page	COMMONWEALTH OF PENNSYLVANIA  NOTARIAL SEAL  Colleen M. Nicholas, Notary Public  Derry Twp., Dauphin County  My Commission Expires: April 25, 2021  WEMBER PENNSYLVANIASSOCIATION OF NOTARIES

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Signed at University Park, Pennsylvania, this 6 day of July , 2020.
Witness: Whitness: Signed: 15.5. Grigustr.  GIRISH SOORAPPA KIRIMANJESWARA
STATE OF PENNSYLVANIA :
COUNTY OF CENTRE : SS:
On this \( \frac{\partial^{10}}{200} \) day of \( \partial \
Witness my hand and seal the day and year last above given.
Commonwealth of Pennsylvania - Notary Seal  ALLEN MCGRIFF - Notary Public  Cantre County  My Commission Expires Oct 27, 2023  Commission Number 1294:112
The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: THE PENN STATE RESEARCH FOUNDATION
Signature: Ha-1RTS-Claux  Date: 8-24-2020
Date: <u>8-24 - 2020</u>
Name: Harl R. Tolbert

Title: Assistant VP for Research and Director, Office of Technology Management

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