

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3903317

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOGDAN NUTA	05/19/2016
IAN LINES	03/31/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST
<b>Street Address:</b>	TRUST HEADQUARTERS, 1 COLLEGE LAWN
<b>Internal Address:</b>	CHELTENHAM
<b>City:</b>	GLOUCESTERSHIRE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	GL53 7AG
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15025520
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)972-1180
<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>	713-972-1150
<b>Email:</b>	docketing@arnold-iplaw.com
<b>Correspondent Name:</b>	ARNOLD, KNOBLOCH & SAUNDERS. L.L.P.
<b>Address Line 1:</b>	4900 WOODWAY DR., SUITE 900
<b>Address Line 4:</b>	HOUSTON, TEXAS 77056
<b>ATTORNEY DOCKET NUMBER:</b>	N33803PCTUS
<b>NAME OF SUBMITTER:</b>	THAO TON AUTHORIZED BY JASON SAUNDERS
<b>SIGNATURE:</b>	/Jason Saunders tt/
<b>DATE SIGNED:</b>	06/06/2016
<b>Total Attachments: 4</b>	
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ORIGINAL ASSIGNMENT

For valuable consideration, I

..... Bogdan Nuta ..... of Residence Address: Hillview, Shipton Oliffe,  
(Type name of inventor) Cheltenham, GL54 4JF  
United Kingdom  
Citizenship: GB

the below signed joint inventor, hereby assign to

Gloucestershire Hospitals NHS Foundation Trust

a corporation having a place of business at

Trust Headquarters, 1 College Lawn  
Cheltenham, Gloucestershire GL53 7AG  
UNITED KINGDOM


and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are described or claimed in U.S. National Phase Application entitled:

Apparatus for Artificial Cardiac Stimulation and Method of Using Same

having the attorney docket number of N39803PCTUS, further including inventions and improvements which are described or claimed in the subject of PCT International Application No. PCT/GB2014/053065, and further including inventions and improvements which are described or claimed in the subject of GB Application No. 1318257.1.

This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, including any and all divisional applications, continuations, and continuations-in-part together with the entire right, title and interest in and to said applications, and to all divisional applications, continuations, and continuations in part thereof, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I hereby authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

  
Signature of Inventor

Bogdan Nuta  
Typed Name

19 May '16  
Date of Signature

Chesham, UK  
Place of Signature  
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Bogdan Nuta, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

  
Witness Signature

L. J. Brown  
Printed Name of Witness

This ASSIGNMENT acknowledged and agreed to by Gloucestershire Hospitals NHS Foundation Trust:


  
Signature of Assignee

DR SALLY PEARSON Director  
Typed Name Title

31.5.2016  
Date of Signature

CHESHAM, UK  
Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared SALLY PEARSON, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

  
Witness Signature

IRWIN WILSON  
Printed Name of Witness

ORIGINAL ASSIGNMENT

For valuable consideration, I

..... Ian Lines ..... of Residence Address: 2 Widewell Road  
(Type name of inventor) Plymouth, Devon PL6 7DN  
United Kingdom  
Citizenship: GB

the below signed joint inventor, hereby assign to

**Gloucestershire Hospitals NHS Foundation Trust**

a corporation having a place of business at

**Trust Headquarters, 1 College Lawn  
Cheltenham, Gloucestershire GL53 7AG  
UNITED KINGDOM**

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are described or claimed in U.S. National Phase Application entitled:

**Apparatus for Artificial Cardiac Stimulation and Method of Using the Same**

having the attorney docket number of N33803PCTUS, further including inventions and improvements which are described or claimed in the subject of PCT International Application No. PCT/GB2014/053065, and further including inventions and improvements which are described or claimed in the subject of GB Application No. 1318257.1.

This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, including any and all divisional applications, continuations, and continuations-in-part together with the entire right, title and interest in and to said applications, and to all divisional applications, continuations, and continuations in part thereof, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I hereby authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

[Signature] Ian Lines 31/3/16 Plymouth, UK  
Signature of Inventor Typed Name Date of Signature Place of Signature  
City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Ian Lines, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

[Signature]  
Witness Signature

Cherith Wood  
Printed Name of Witness

This ASSIGNMENT acknowledged and agreed to by Gloucestershire Hospitals NHS Foundation Trust:

[Signature] DR Sally Pearson DIRECTOR  
Signature of Assignee Typed Name Title

31-5-2016 Cheltenham UK  
Date of Signature Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Sally Pearson, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

[Signature]  
Witness Signature

IRWIN WILSON  
Printed Name of Witness