

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4102647

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CONFIRMATION OF ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NATIONAL ICT AUSTRALIA LTD	01/17/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NICTA IPR PTY LTD
<b>Street Address:</b>	13 GARDEN STREET
<b>Internal Address:</b>	LEVEL 5
<b>City:</b>	EVELEIGH, NSW
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	2015
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15184787
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)852-0004
<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>	9498520000
<b>Email:</b>	pair@kppb.com
<b>Correspondent Name:</b>	KPPB LLP
<b>Address Line 1:</b>	2400 E. KATELLA AVENUE
<b>Address Line 2:</b>	SUITE 1050
<b>Address Line 4:</b>	ANAHEIM, CALIFORNIA 92806
<b>ATTORNEY DOCKET NUMBER:</b>	S32-03248.CON
<b>NAME OF SUBMITTER:</b>	MELISSA YEE
<b>SIGNATURE:</b>	/Melissa Yee/
<b>DATE SIGNED:</b>	10/18/2016
<b>Total Attachments: 29</b>	
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Appl. No.: 14/117,144  
Filed: November 12, 2013  
Title: Method and Apparatus for Measurement of Neural Response  
Applicants: Saluda Medical Pty Limited  
Docket No.: S32-03248

### CONFIRMATION OF ASSIGNMENT

I, John Louis Parker, am employed as Chief Executive Officer for Saluda Medical Pty Ltd with a place of business of Level 1, 407 Pacific Highway, Artarmon, NSW, 2064 Australia.

The inventors to the above identified application executed the Assignment (recorded at Reel 31605, Frame 960) assigning "... the entire right, title, and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from [pertaining to U.S. Patent Application No. 14/117,144]..." to Saluda Medical Pty Ltd.

I confirm that at the time of the execution of the Assignment, Saluda Medical Pty Ltd was the beneficiary of the following agreements and was the rightful assignee of all right, title, and interest in the above identified application:

- Transfer Document – dated January 17, 2013, by and between National ICT Australia Ltd (ACN 102 206 173) and NICTA IPR Pty Ltd (ACN 118 121 387) (**Exhibit 1**); and
- Deed of Assignment – dated January 17, 2013, by and between NICTA IPR Pty Ltd (ACN 118 121 387) and Saluda Medical Pty Ltd (ACN 145 902 272) (**Exhibit 2**).

Dated: 3/5/2016



John Louis Parker  
Chief Executive Officer  
Saluda Medical Pty Ltd

## Schedule 1 – Transfer Document for Assigned IP arising from NICTA's Implant Systems PROJECT

This Transfer Document sets out the terms on which certain Intellectual Property is to be assigned from National ICT Australia Limited (ACN 102 206 173) to NICTA IPR Pty Ltd (ACN 118 121 387).

Defined terms used in this Transfer Document have the same meaning as given in the IP Framework Deed between National ICT Australia Limited and NICTA IPR Pty Ltd dated 27 October 2006, as amended from time to time. This Transfer Document forms part of, and should be read in conjunction with, that IP Framework Deed.

### 1. DESCRIPTION OF ASSIGNED IP

All Intellectual Property of NICTA relating to the following inventions, projects and/or technology, including the Intellectual Property described in the tables below, arising from NICTA's Implant Systems research project:

#### Schedule 1

##### ASSIGNED INTELLECTUAL PROPERTY

- The Intellectual Property relating to the following inventions, projects and/or technology, as described in the tables below:
- All existing Intellectual Property, know-how, trade secrets arising from the Implant Systems project conducted at NICTA since 1 July 2006; and
- All yet to be developed Intellectual Property, know-how, trade secrets arising from the Research Services Agreement between NICTA and NIPR for Implant Systems technology which is executed concurrently with this Transfer Document

##### A. Patent Rights

NICTA Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N08023	AU	Patent - National	AU	BONDED HERMETIC FEED THROUGH FOR AN ACTIVE IMPLANTABLE	John Parker ;	2009344197

I certify, this is a true and correct copy of the original document which has been sighted by me on this day,  
 6 MARCH 2013  
 P. WITTROEDY  
 Supreme Court of NSW  
 (signature)

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
				MEDICAL DEVICE		
N08 025	EP	Patent - National	EPO	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	97920680
N08 025	AU	Patent - National	AU	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	2009293507
N08 025	US	Patent - National	USA	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	12/549,899 && US2010/0070008
N08 032	JP	Patent - National	JP	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	2012-504654
		Patent - National	EU	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical	David Robinson ;	09792071.4 && PCT/US2009/055402

I certify, this is a true and correct copy of the original document which has been signed by me on this day  
 6 March 2013  
 P. U. GATTARDO  
 (name)  
 P. U. GATTARDO  
 (signature)  
 P. U. GATTARDO  
 (signature)

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
				Device"		
N08 032	AU	Patent - Nationa l	AU	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	2009344195
N08 032	US	Patent - Nationa l	US	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	12/549,831
N08 033	EP	Patent - Nationa l	EPO	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	9792067.2
	AU	Patent - Nationa l	AU	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	2009293506

I certify, this is a true and correct copy of the  
original document which has been signed  
by me on this day,  
16 March 2013  
(Date)

(Signature)

Signature  
Director, Supreme Court of NSW  
(Signature)

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N08 033	US	Patent - National	US	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	12/549,457 && US2010/007 0007
N09 003	EP	Patent - National	EPO	"Knitted Catheter " formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	97920706
N09 003	AU	Patent - National	AU	"Knitted Catheter " formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	2009293508
N09 003	US	Patent - National	USA	"Knitted Catheter", formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	12/549,801 && 2010006983 5
N09 006	EP	Patent - National	EP	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package for a Medical Device "	John Parker ;	09792072.2 && PCT/US2009 /055405 && WO 2010/11738 2
		Patent - National	AU	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package	John Parker ;	2009344196

I certify this is a true and correct copy of the original document which has been signed by me on this date  
 2013  
 6 March 2013  
 P. V. G. (Name)  
 Director, Supreme Court  
 (Signature)

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
				for a Medical Device "		
N09 006	US	Patent - National	US	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package for a Medical Device "	John Parker ;	12/549,786 && US 2010/02622 08
N09 011	EP	Patent - National	EP	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONI S ;	10802728.5 (EPO Publication No EP2456515)
N09 011	US	Patent - National	USA	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONI S ;	13/383,800 (Publication No: US2012/016 1945)
		Patent - National	AU	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONI S ;	2010276380

I certify, this is a true and correct copy of the original document which has been sighted by me on this day: 2013 (date)  
[Signature] (name)  
 Director, Supreme Court of NSW (signature)





NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
		I		Systems")	ROBINSON ; Peter SINGLE ; Peter AYRE ;	
N11 003	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - (Formerly: "Evoked Response Telemetry Method")	John Parker ; Peter Single ; Dean Karantonis ;	PCT/AU2012 /000511
N11 005	PCT	Patent - PCT		Method and Apparatus for Measurement of Neural Response - C (Formerly: "Determining Fibre Conduction Velocity")	John Parker ; Dean Karantonis ;	PCT/AU2012 /000512
N11 006	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - D (Formerly: "Selecting a Neural Therapy Location by Contemporaneously Measuring Local Sensitivity")	John Parker ; Dean Karantonis ;	PCT/AU2012 /000513
		Patent - PCT	AU	Method and Aparatus for Controlling a Neural Stimulus - E (Formerly: "Automated Feedback Control of >1 Stimulus Parameters")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012 /000516

I certify this is a true and correct copy of the original document which has been sighted by me on this day: 20/13 (date)  
20/13  
 (Signature)  
 Director, Supreme Council NSIP

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N11 008	PCT	Patent - PCT		Method and Apparatus for Estimating Neural Recruitment - F (Formerly: "Un-Masked Probing of Un-Recruited Fibre Population")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012 /000517
N11 009	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - G (Formerly: "Programs")	Peter Single ; James Laird ;	PCT/AU2012 /000518
N11 010	PCT	Patent - PCT	AU	Method and Apparatus for Controlling a Neural Stimulus - H (Formerly: "Anodic Modification of Membrane Threshold")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012 /000514
N11 011	PCT	Patent - PCT	AU	Method and Apparatus for Application of a Neural Stimulus - I (Formerly: "Stimuli Configured to Produce Decorrelated Fibre Responses")	John Parker ; James Laird ;	PCT/AU2012 /000515
		Patent - PCT	AU	A Fabric Paddle Electrode Assembly For An Active Implantable Medical Device	David ROBINSON ; Mark FRETZ ; David THOMAS ; John PARKER ;	PCT/AU2012 /001441

I certify, this is a true and correct copy of the original document which has been signed by me on this date: 02/01/13 (date)

W. M. FRETZ (name)

(signature)

Supreme Court of NSW

NICT A Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N11 028	PCT	Patent - PCT	AU	Coatings for Textile Based Active Implantable Medical Devices	David ROBINSON ; Mark FRETZ ; David THOMAS ; John PARKER ;	TBA (priority claimed: 2011904904)
N12 006	PROV AU	Patent - Provisional	Australia	Method and System for Controlling Electrical Conditions of Tissue (Formerly: "The Virtual Ground Circuit Unbugged")	Peter SINGLE ; James Laird ;	2012904836
N12 010	INV	Invention Disclosure		Virtual Ground Stimulation Method for Evoked Response Measurements	Peter Single ; James Laird ;	
N12 011	INV	Invention Disclosure		Use of SCS System Components to Detect and/or Respond to Cardiac Events	John Parker ;	
N12 009	INV	Invention Disclosure		Matched Filters for Evoked Response Detection	Peter Single ; Dean Karantonis ;	
N12 007	PROV AU	Patent - Provisional	AU	Method and System for Controlling Electrical Conditions of Tissue II (Formerly: "Push-Pull with Passive Third Electrode")	Peter Single ;	2012904838

I certify this is the original document which has been sighted and verified by me on this date. 2013 (date)  
 Director of Supreme Court NSW (signature)

B(i) Copyright forming part of the Assigned IP

a.

Title / Description Date

1. Copyright in the documents software and materials listed in part C, below.

I certify, this is a true and correct copy of the original document which has been sighted by me on this day, \_\_\_\_\_ (date)  
 P. LIGHTBODY (name)  
 Solicitor, Supreme Court of NSW (signature)

B(ii). Project IP other than Patent Rights and copyright – other rights

a. NIL

C. Licensed Know How

- a. Licensed Know How covers all information owned by NICTA which describes technology and results which was created by or for NICTA's Implant Systems project team and which is stored on the Implant Systems 1 Server and replicated on the back-up media associated with this agreement and included in the identified laboratory note books.

Acronyms used in this section are defined in the table below.

Acronym	Description
MCS I	"Multi Channel System 1" [REDACTED]
MCS II	"Multi Channel System 2" [REDACTED]
BWS	"Body Worn System" [REDACTED]
BWS V3	"Body Worn System V3" [REDACTED]
NTDS	NTDS is simple a unique identifier with no meaning.
MCS Lab	"Multi Channel System Laboratory" [REDACTED]

	[REDACTED]
MCS Analysis GUI	"Multi Channel System Analysis Graphic User Interface" [REDACTED]
NDBSH	NDBSH is simple a unique identifier with no meaning.

b. This information includes, but is not limited to:

	Description	Date
1.	[REDACTED]	
2.	[REDACTED]	
3.	[REDACTED]	
4.	[REDACTED]	
5.	[REDACTED]	
6.	[REDACTED]	
7.	[REDACTED]	
8.	[REDACTED]	
9.	[REDACTED]	
10.	[REDACTED]	
11.	[REDACTED]	
12.	[REDACTED]	
13.	[REDACTED]	
14.	[REDACTED]	
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25.	[REDACTED]	
26.	[REDACTED]	
27.	[REDACTED]	
28.	[REDACTED]	
29.	[REDACTED]	
30.	[REDACTED]	

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6 March 2013 (date)  
P. GARRIBDY (name)  
 SOLICITOR, Supreme Court of NSW  
[Signature] (signature)

	Description	Date
31	[REDACTED]	
32	[REDACTED]	
33	[REDACTED]	
34	[REDACTED]	
35	[REDACTED]	
36	[REDACTED]	
37	[REDACTED]	
38	[REDACTED]	
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43	[REDACTED]	
44	[REDACTED]	
45	[REDACTED]	

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10 March 2013 (date)  
P. LITTLEWOOD (name)  
 Agent of, Supreme Court of NSW  
[Signature] (signature)

Laboratory Books:

Name	Total	Number	Type	Location
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]





2. VALUATION OF ASSIGNED IP

Assigned IP	Valuation
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

I certify this is a true and correct copy of the original document which has been sighted by me on this day 22/03/2013 (date)  
P. L. GIBBY (name)  
Solicitor General for NSW (signature)

3. COMMERCIALISATION RIGHTS RESERVED BY NICTA (refer clause 4.3)

[REDACTED]

4. RESTRICTION ON NICTA'S RESEARCH RIGHTS (refer clause 5.1)

[REDACTED]

5. REMUNERATION PAYABLE TO NICTA (refer clause 6)

[REDACTED]

6. TRANSFER OF KNOW-HOW (refer clause 4.10)

[REDACTED]

IP Framework Deed - Schedule 1

I certify, this is a true and correct copy of the original document which has been sighted by me on this day:  
6 MARCH 2013 (date)  
P. L. GITTARD (name)  
Solicitor, Supreme Court of NSW

7. MISCELLANEOUS



8. EFFECTIVE DATE

This assignment shall be effective on and from the following date:

The Commencement Date of the License Agreement from NIP to Saluda Medical Pty Ltd.

EXECUTED AS A DEED

Executed as a deed by  
NATIONAL ICT AUSTRALIA LIMITED  
in accordance with  
its constitution

(Common Seal - optional)

Signature of Director/Secretary

Signature of Director

CAROL MIDDLEHURST  
Name of Director/Secretary  
Date: 17/1/2013

Neville Stevens  
Name of Director  
Date: 17/1/2013

Executed as a deed by  
NICTA IPR PTY LIMITED  
in accordance with  
its constitution

(Common Seal - optional)

Signature of Director/Secretary

Signature of Director

CAROL MIDDLEHURST  
Name of Director/Secretary  
Date: 17/1/2013

Neville Stevens  
Name of Director  
Date: 17/1/2013

# DEED OF ASSIGNMENT

This Deed of Assignment (the "Assignment Deed") dated 17 January 2013, by and between:

NICTA IPR PTY LIMITED (ACN 118 121 387) of Level 5, 13 Garden Street, Eveleigh NSW 2015, Australia ("NIPR")

and

Saluda Medical Pty Limited (ACN 145 902 272) of Level 5, 13 Garden Street, Eveleigh NSW 2015, Australia, ("SALUDA").

## RECITALS

A. NIPR and SALUDA previously entered into a Licence Agreement dated 17 January 2013 (the "Licence Agreement"), in which the parties agreed, *inter alia*, that certain of the Licensed Intellectual Property (as defined in the Licence Agreement)(called the Option IP herein) could be assigned to SALUDA from NIPR upon the valid exercise of an option in accordance with the terms of clause 12 of the Licence Agreement; and

B. The conditions for the exercise of the Option have occurred or have been waived and NIPR has assigned the Option IP to SALUDA in accordance with the terms of the Licence Agreement.

C. NIPR wish to confirm and to the extent not already assigned, assign their entire right, title and interest to and in the Option IP to SALUDA.

## OPERATIVE PROVISIONS

The parties agree as follows:

- Definitions:** In this Assignment Deed including the Recitals, the definitions used in the Licence Agreement shall apply, except where the context otherwise requires.
- Assignment:** In consideration of the payment by SALUDA to NIPR of the sum of one dollar (AU)\$1 and other good and valuable consideration (receipt and sufficiency of which is acknowledged by NIPR), NIPR hereby irrevocably and absolutely confirms the assignment to SALUDA of their respective entire rights, title and interests to and in the Option IP free from Encumbrances (other than the license granted to NIPR under the License Agreement), so that all such right, title and interest throughout the world vests absolutely in Saluda. **Schedule 1** to this Assignment Deed details the Option IP.
- Licensing Agreement remains in Effect:** With the exception of the explicit effect of the terms of this Assignment Deed, the License Agreement remains in effect and otherwise unchanged and is hereby affirmed by the parties.
- Governing law:** This deed is governed by the law in force in New South Wales, Australia. Each party submits to the non-exclusive jurisdiction of the courts exercising jurisdiction in New South Wales, and any court that may hear appeals from any of those courts, for any proceedings in connection with this deed, and waives any right it might have to claim that those courts are an inconvenient forum.

I certify, this is a true and correct copy of the original document which has been sighted by me on this day, 6 MARCH 2013 (date) - 12 pages  
 Peter Webb (name)  
 Special Officer, Supreme Court NSW (title)  
 Peter Webb (signature)

5. **Counterparts:** This deed may be executed in any number of counterparts. A counterpart may be a facsimile or a scanned and emailed document. Together all counterparts make up one deed.

\*\*\*\*\*

I certify, this is a true and correct copy of the original document which has been sighted by me on this day,

6 MARCH 2013 (date) - 12 pages

PETER LIGHTBODY (name)  
Solicitor, Supreme Court NSW

 (signature)

IN WITNESS WHEREOF, the parties have caused this Assignment Deed to be duly executed by their authorized representatives as of the date first set forth above.

**NICTA IPR PTY LIMITED.**

**Accepted by**

**Saluda Medical Pty Limited.**

By: [Signature]

By: [Signature]

Title: Director

Title: CTO IS.

Date: 12/1/13

Date: 17/1/2013.

I certify, this is a true and correct copy of the original document which has been sighted by me on this day.

6 MARCH 2013 (date)

PETER LIGHTBODY (name)  
SOLICITOR, Supreme Court of NSW

[Signature] (signature)

- 12 pages

**SCHEDULE 1** to the ASSIGNMENT AGREEMENT between NIPR (assignor) and SALUDA (assignee) dated 17 January 2013

**OPTION IP**

- The Intellectual Property owned or licensed by NIPR relating to the following inventions, projects and/or technology, as described in the tables below;
- All existing Intellectual Property, know-how, trade secrets arising from the Implant Systems project conducted at NICTA since 1 July 2008; and
- All yet to be developed Intellectual Property, know-how, trade secrets arising from the Research Services Agreement between NIPR and SALUDA for Implant Systems technology which is executed concurrently with this Licence Agreement

**A. Licensed Patent Rights**

I hereby, this is a true and correct copy of the original document which has been sighted by me on this day,

6 MARCH 2013 (date)  
PEER LIGHTBODY (name) + pages 4-12  
 Solicitor, Supreme Court of NSW (following)

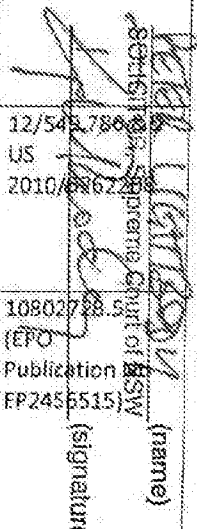
NICTA Ref	Suffix Code	Type	Country	Title	Inventors (signature)	Application No.
N08 023	AU	Patent - National	AU	BONDED HERMETIC FEED THROUGH FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE	John Parker ;	2009344197
N08 025	EP	Patent - National	EPO	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	97920680
N08 025	AU	Patent - National	AU	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	2009293507
N08 025	US	Patent - National	USA	Knitted Electrode Assembly for an Active Implantable medical Device, formerly "A Knitted or Woven Medical Device"	John Parker ; David Robinson ;	12/549,899 && US2010/007000 8
N08 032	JP	Patent - National	JP	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	2012-504664

NICTA Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N08 032	EP	Patent - National	EU	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	09792071.4 && PCT/US2009/05 5402
N08 032	AU	Patent - National	AU	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	2009344195
N08 032	US	Patent - National	US	STITCHED COMPONENTS OF AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "A Sewn or Embroidered Medical Device"	David Robinson ;	12/549,831
N08 033	EP	Patent - National	EPO	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	9792067
N08 033	AU	Patent - National	AU	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	2009293506 (signature)
N08 033	US	Patent - National	US	KNITTED ELECTRODE ASSEMBLY AND INTEGRATED CONNECTOR FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE formerly "An Implantable Connector"	John PARKER ; David ROBINSON ;	12/549,457 && US2010/007000 7
N09 003	EP	Patent - National	EPO	"Knitted Catheter" formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	97920706

*David Robinson*  
 Director of the Office of  
 NICTA  
 9/18/2009  
 (signature)

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NICTA Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N09 003	AU	Patent - National	AU	"Knitted Catheter" formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	2009293508
N09 003	US	Patent - National	USA	"Knitted Catheter", formerly "Multi-Channel Catheter or Implantable Electrode and Lead"	John Parker ; David Robinson ;	12/549,801 && 20100069835
N09 006	EP	Patent - National	EP	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package for a Medical Device"	John Parker ;	09792072.2 && PCT/US2009/055405 && WO 2010/117382
N09 006	AU	Patent - National	AU	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package for a Medical Device"	John Parker ;	2009344196
N09 006	US	Patent - National	US	ELECTRONICS PACKAGE FOR AN ACTIVE IMPLANTABLE MEDICAL DEVICE; formerly "A package for a Medical Device"	John Parker ;	12/549,786 && US 2010/062222
N09 011	EP	Patent - National	EP	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONIS ;	10802788.5 (EPO) Publication EP2456515 (signature)
N09 011	US	Patent - National	USA	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONIS ;	13/383,800 (Publication No: US2012/016194 5)
N09 011	AU	Patent - National	AU	Neuro-Stimulation; formerly "Active Electrode Array" formerly "Electrode LAN Version IV" formerly "Two Wire Neuro-stimulator System Version III"	Peter SINGLE ; David ROBINSON ; John PARKER ; Peter AYRE ; Dean KARANTONIS ;	2010276380

  
 Peter SINGLE (name)  
 Secretary, Scientific Committee of NSW

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NICTA Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
				SPURIOUS (name) Supreme Court of NSW <i>[Signature]</i> (signature)		
N09 030A	US	Patent - National	US	METHODS FOR FORMING FEEDTHROUGHS FOR HERMETICALLY SEALED HOUSINGS USING POWDER INJECTION MOLDING	David THOMAS ; Mark FRETZ ; John PARKER ; David ROBINSON ;	13/512,115
N09 030B	JP	Patent - National	JP	FORMING FEEDTHROUGHS FOR HERMETICALLY SEALED HOUSINGS USING POWDER INJECTION MOLDING	David THOMAS ; Mark FRETZ ; John PARKER ; David ROBINSON ;	2012-541213
N09 030B	EP	Patent - National	Europe	FORMING FEEDTHROUGHS FOR HERMETICALLY SEALED HOUSINGS USING POWDER INJECTION MOLDING	David THOMAS ; Mark FRETZ ; John PARKER ; David ROBINSON ;	10833993.8 (Publication No EP2504500)
N09 030B	US	Patent - National	US	FORMING FEEDTHROUGHS FOR HERMETICALLY SEALED HOUSINGS USING POWDER INJECTION MOLDING	David THOMAS ; Mark FRETZ ; John PARKER ; David ROBINSON ;	13/512,172
N10 014A	PCT	Patent - PCT	Australia	Distributed Implant Systems (Formerly: "Neuro-Modulation Systems")	John PARKER ; David ROBINSON ; Peter SINGLE ; Peter AYRE ;	PCT/AU2011/01127
N10 014C	US	Patent - National	US	Implant Recharging (Formerly: "Neuro-Modulation Systems")	John PARKER ; David ROBINSON ; Peter SINGLE ; Peter AYRE ;	13/222833
N11 003	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - (Formerly: "Evoked Response Telemetry Method")	John Parker ; Peter Single ; Dean Karantonis ;	PCT/AU2012/000511
N11 005	PCT	Patent - PCT		Method and Apparatus for Measurement of Neural Response - C (Formerly: "Determining Fibre Conduction Velocity")	John Parker ; Dean Karantonis ;	PCT/AU2012/000512
N11 006	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - D (Formerly: "Selecting a Neural Therapy Location by Contemporaneously Measuring Local Sensitivity")	John Parker ; Dean Karantonis ;	PCT/AU2012/000513

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PETER SINGLETON  
 Justice of the Peace, Supreme Court of NSW  
 (signature)

NICTA Ref	Suffix Code	Type	Country	Title	Inventors	Application No.
N11 007	PCT	Patent - PCT	AU	Method and Aparatus for Controlling a Neural Stimulus - E (Formerly: "Automated Feedback Control of >1 Stimulus Parameters")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012/00 0516
N11 008	PCT	Patent - PCT		Method and Apparatus for Estimating Neural Recruitment - F (Formerly: "Un-Masked Probing of Un-Recruited Fibre Population")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012/00 0517
N11 009	PCT	Patent - PCT	AU	Method and Apparatus for Measurement of Neural Response - G (Formerly: "Programs")	Peter Single ; James Laird ;	PCT/AU2012/00 0518
N11 010	PCT	Patent - PCT	AU	Method and Apparatus for Controlling a Neural Stimulus - H (Formerly: "Anodic Modification of Membrane Threshold")	John Parker ; Dean Karantonis ; James Laird ;	PCT/AU2012/00 0514
N11 011	PCT	Patent - PCT	AU	Method and Apparatus for Application of a Neural Stimulus - I (Formerly: "Stimuli Configured to Produce Decorrelated Fibre Responses")	John Parker ; James Laird ;	PCT/AU2012/00 0515
N11 027	PCT	Patent - PCT	AU	A Fabric Paddle Electrode Assembly For An Active Implantable Medical Device	David ROBINSON ; Mark FRETZ ; David THOMAS ; John PARKER ;	PCT/AU2012/00 1441
N11 028	PCT	Patent - PCT	AU	Coatings for Textile Based Active Implantable Medical Devices	David ROBINSON ; Mark FRETZ ; David THOMAS ; John PARKER ;	TBA (priority claimed: 2011904904)
N12 006	PROVA U	Patent - Provisional	Australia	Method and System for Controlling Electrical Conditions of Tissue (Formerly: "The Virtual Ground Circuit Unbugged")	Peter SINGLE ; James Laird ;	2012904836
N12 010	INV	Invention Disclosure		Virtual Ground Stimulation Method for Evoked Response Measurements	Peter Single ; James Laird ;	

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NICTA Ref	Suffix Code	Type	Country	Title	Inventors (signature)	Application No.
N12 011	INV	Invention Disclosure		Use of SCS System Components to Detect and/or Respond to Cardiac Events	John Parker ;	
N12 012	INV	Invention Disclosure		Matched Filters for Evoked Response Detection	Peter Single ; Dean Karantonis ;	
N12 017	PROVAU	Patent - Provisional	AU	Method and System for Controlling Electrical Conditions of Tissue II (Formerly: "Push-Pull with Passive Third Electrode")	Peter Single ;	2012904838

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Acronyms used in this section are defined in the table below.

Acronym	Description
MCS I	"Multi Channel System 1" [REDACTED]

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MCS II	"Multi Channel System II" [REDACTED]
BWS	"Body Worn System" [REDACTED]
BWS V3	"Body Worn System V3" [REDACTED]
NTDS	NTDS is simple a unique identifier with no meaning.
MCS Lab	"Multi Channel System Laboratory" [REDACTED]
MCS Analysis GUI	"Multi Channel System Analysis Graphic User Interface" [REDACTED]
NDBSH	NDBSH is simple a unique identifier with no meaning.

b. This information includes, but is not limited to:

	Description	Date
1.	[REDACTED]	
2.	[REDACTED]	
3.	[REDACTED]	
4.	[REDACTED]	
5.	[REDACTED]	
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12.	[REDACTED]	
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PETER UGHTBODY (name) Date  
 Solicitor, Supreme Court of NSW

*Peter Ughtbody* (signature)

Description	Date
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**4. Application or patent number(s):**

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A. Patent Application No.(s)

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15/184,787

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Internal Address: Suite 1050

Street Address: 2400 E. Katella Avenue

City: Anaheim

State: CA Zip: 92806

Phone Number: 949.852.0000

Docket Number: S32-03248.CON

Email Address: pair@kppb.com

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