505231993 12/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DWIGHT SHEROD WALKER	06/22/2017
DANIEL JOHN CHEW	06/24/2017

RECEIVING PARTY DATA

Name:	GALVANI BIOELECTRONICS LIMITED
Street Address:	980 GREAT WEST ROAD
City:	BRENTFORD, MIDDLESEX
State/Country:	GREAT BRITAIN
Postal Code:	TW8 9GS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16309182

CORRESPONDENCE DATA

Fax Number: (516)742-4366

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	34992	
NAME OF SUBMITTER:	PETER I. BERNSTEIN	
SIGNATURE:	/Peter I. Bernstein/	
DATE SIGNED:	12/12/2018	

Total Attachments: 4

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> PATENT REEL: 047751 FRAME: 0562

505231993

ASSIGNMENT

WHEREAS, I/WE, **Dwight Sherod WALKER**, a citizen of the United States of America, of Five Moore Drive, Durham, North Carolina 27709-3398, United States of America, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in **NEURAL INTERFACE FABRICATION** (hereinafter referred to as "the invention and improvements") for which priority applications **62/349388** and **62/382918** were filed on **13 June 2016** and **02 September 2016**, respectively, in the **United States of America**, and for which a PCT international application **PCT/US2017/037010** was filed on **12 June 2017**, designating the United States of America.

WHEREAS, GLAXOSMITHKLINE LLC, a company incorporated in the State of Delaware, United States of America, whose registered address is 521 Little Falls Drive, Wilmington, Delaware 19808, United States of America, is desirous of acquiring the whole right, title and interest in and to said invention and improvements, and in and to any applications for said invention and improvements, including the right to claim priority, and in and to and any Letters Patent to be obtained therefor, in all countries, including the United States, its territories and possessions, and

WHEREAS, **GALVANI BIOELECTRONICS LIMITED**, a company incorporated under the laws of England and Wales with company registration number 09984862, whose registered office is at 980 Great West Road, Brentford, Middlesex TW8 9GS, United Kingdom, is desirous of acquiring the whole right, title and interest in and to the invention and improvements, and in and to any applications for the invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE LLC of the invention and improvements and the application by operation of law and, if under the law of the United States of America, I/we, the inventor(s), have any ownership right, title and interest in and to the invention and improvements and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and improvements and to the application based on the law of the United States of America), I/we, the inventor(s), nevertheless, hereby assign and transfer such ownership right, title and interest in and to the invention and improvements and to the application, including the right to claim priority from the application in respect of any subsequent

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PATENT REEL: 047751 FRAME: 0563 applications, to GLAXOSMITHKLINE LLC in all countries, including the United States of America, its territories and possessions;

GLAXOSMITHKLINE LLC, in turn, hereby assign and transfer to GALVANI BIOELECTRONICS LIMITED, its whole right title and interest in and to the invention and improvements and the application, and in and to any divisional application, continuation or continuation-in-part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and hereby authorize and request any patent arising therefrom, in all countries, including the United States, its territories and possessions, be issued to GALVANI BIOELECTRONICS LIMITED,

AND, I/we, the inventor(s), for the consideration aforesaid, and GLAXOSMITHKLINE LLC, do hereby agree that I/we or my/our executors or legal representatives, will provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, application papers, affidavits, assignments and other documents which may be necessary or desirable to more effectually secure to and vest in said GALVANI BIOELECTRONICS LIMITED, their successors and assigns, the whole right, title and interest in and to the said Invention and Improvements, applications, Letters Patent, rights, title and interest hereby sold, assigned and conveyed, or intended so to be.

IN WITNESS whereof and with effect from the 13 June 2016, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE LLC and GALVANI BIOELECTRONICS LIMITED have hereunto set their respective hands.

Inventor Name	Signature	Date
Dwight Sherod WALKER:	<u></u>	July Jun Man
SIGNED by	Lorraine B. Ling	As the Attorney & Authorised
Official of GLAXOSMITHKLIN	E LLC and GALVANI BIOELE	CTRONICS LIMITED:
Signature & Ling		Date: <u> </u>

GVB90008

ASSIGNMENT

WHEREAS, I/WE, Daniel John CHEW, a citizen of the United Kingdom, of Gunnels Wood Road,

Stevenage, Hertfordshire SG1 2NY, United Kingdom, (hereinafter called "the inventor(s)") have invented or

discovered certain improvements in NEURAL INTERFACE FABRICATION (hereinafter referred to as "the

invention and improvements") for which priority applications 62/349388 and 62/382918 were filed on 13 June 2016 and 02 September 2016, respectively, in the United States of America, and for which a PCT

international application PCT/US2017/037010 was filed on 12 June 2017, designating the United States of

America.

WHEREAS, GALVANI BIOELECTRONICS LIMITED, a company incorporated under the laws of England

and Wales with company registration number 09984862, whose registered office is at 980 Great West Road,

Brentford, Middlesex TW8 9GS, United Kingdom, is desirous of acquiring the whole right, title and interest in

and to the invention and improvements, and in and to any applications for the invention and improvements

and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its

territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, the inventor(s), hereby confirm the

ownership by GALVANI BIOELECTRONICS LIMITED of the invention and improvements and the

application by operation of law and, if under the law of the United States of America, I/we, the inventor(s),

have any ownership right, title and interest in and to the invention and improvements and the application

(which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention

and improvements and to the application based on the law of the United Kingdom), I/we, the inventor(s),

nevertheless, hereby assign and transfer such ownership right, title and interest in and to the invention and

improvements and to the application, including the right to claim priority from the application in respect of any

subsequent applications, to GALVANI BIOELECTRONICS LIMITED in all countries, including the United

States of America, its territories and possessions;

AND I/we, the inventor(s), hereby assign and transfer to GALVANI BIOELECTRONICS LIMITED, my/our

whole right title and interest in and to the invention and improvements and the application, and in and to any

divisional application, continuation or continuation-in-part application thereof, and in and to any

Supplementary Protection Certificate, extension or re-issue thereof, and I/we, the inventor(s), hereby

authorise and request any patent arising therefrom, in all countries, including the United States, its territories

and possessions, be issued to GALVANI BIOELECTRONICS LIMITED.

AND, I/we, the inventor(s), for myself/ourselves and my/our respective executors and legal representatives

hereby, agree at the request and cost of GALVANI BIOELECTRONICS LIMITED, to provide information and

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PATENT REEL: 047751 FRAME: 0565 make, execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in said GALVANI BIOELECTRONICS LIMITED, its successors and assigns, the whole right, title and interest in and to the invention and improvements hereby assigned and transferred in all countries, including the United States of America, its territories and possessions.

IN WITNESS WHEREOF, and with effect from 13 June 2016, I/we, the inventor(s) and the Attorney & Authorized Official of GALVANI BIOELECTRONICS LIMITED have hereunto set my/our respective hand(s).

Inventor Name

Signature

Date

27 June 2017

SIGNED by Lorraine B. Ling As the Attorney & Authorised

Official of GALVANI BIOELECTRONICS LIMITED:

Date: 27 June 2017