PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7192393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACK H. NOBLE	10/22/2020
AHMET CAKIR	10/19/2020
BENOIT M. DAWANT	09/11/2020
ROBERT F. LABADIE	10/20/2020
RENE H. GIFFORD	10/05/2020

RECEIVING PARTY DATA

Name:	VANDERBILT UNIVERSITY
Street Address:	305 KIRKLAND HALL
Internal Address:	2201 WEST END AVENUE
City:	NASHVILLE
State/Country:	TENNESSEE
Postal Code:	37240

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17637875

CORRESPONDENCE DATA

Fax Number:

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: 6172390100

Email: patent@lockelord.com
Correspondent Name: LOCKE LORD LLP
Address Line 1: P.O. BOX 55874

Address Line 4: BOSTON, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	0114506.167US9
NAME OF SUBMITTER:	TIM TINGKANG XIA
SIGNATURE:	/Tim Tingkang Xia/
DATE SIGNED:	02/24/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 059087 FRAME: 0982

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Total Attachments: 5

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Attorney Docket No.: 0114506/167WO2

VU Reference No.; VU20008PCT I

	COMBINATION ASSI	GNMENT-STATEME	YT
	ECLARATION (37 CFR 1.63) FOR LICATION DATA SHEET (37 CFI		
Title of Invention:	Patient Customized Electro-Neur Programming and Applications o		Model-Based Cochlear Implant
	DECL	ARATION	
As a below named invente	or I hereby declare that:		
	is directed to: thed application, or trnational application number PCT/US	.2020/047884 filed on Ai	igust 26, 2020.
 I believe that I ar I hereby acknow 	fied application was made or authorize in the original inventor or an original ju ledge that any willful false statement r not more than five (5) years, or both.	oint inventor of a claimed	I invention in the application. s punishable under 18 USC 1001 by fine or
	<u>ASSI</u>	GNMENT	
	nderbilt University having an office a ressee, 37240, USA, is desirous of acq		
Artistic Works, published sufficiency and adequacy assign and transfer unto s application throughout the application claiming prior or continuation thereof an invention possessed by th	in the 1993-1994 Vanderbilt Faculty and receipt of which are hereby acknowled to the world and vanderBILT UNIVERSITY to world, including, without limitation, ity to the above-identified application all rights of priority under the Paris e INVENTOR, including the right to RSITY'S legal representatives and assets.	Manual, as such policy is twiedged, I, the INVEN he entire right, title and is any Letters Patent which , reissue, reexamination, Convention arising from bring suit for damages d	FOR, agree to assign and hereby do sell, nterest in and to said invention and nay issue thereon, and any subsequent divisional, continuation-in-part, extension said application, and all other rights in said
consideration any and all order to carry into full for generally do everything p	applications, petitions, oaths and assig ce and effect, the sale, assignment, tra	nments or other papers a nsfer and conveyance he ERSITY, its legal repres	assigns properly to execute without further and instruments which may be necessary in reby made or intended to be made and entatives and assigns, to obtain and enforce
AND, I hereby c which would conflict with		ement or encumbrance h	as been or will be made or entered into
identifying applications c above-listed application,	ENTOR, hereby authorize counsel for laiming said invention as well as any sell including any reissues, reexaminations priority under the International Conver	subsequent application cl s, divisions, continuation	aiming priority directly or indirectly to the
LEGAL NAME OF INV	ENTOR		
Inventor: Jac	ik H. Noble	Date:	Derlos
Signature:			
Witness	inndo Noblo.	Pate.	10/2/2/2020

Signature:

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DECLARATION

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- - C. The standard are leading or
 - 22 PCT (morniores) application comber PCT1/S0/3/147884 (filed on August 24, 2020).
- The above identified application was made or authorized to be made by the
- I believe that I am the original inventor or an original joint inventor of a classed inventor in the application.
- I besets acknowledge that any willful take someones made as this declaration is punishable under 18 USC 1001 by fine or invariant and not more than five (1) years or both.

ASSICNMENT

WHEREAS, <u>Vanderbill Colversity</u> having an office and place of business at <u>201 Kirkland Hall, 2291. West End</u> <u>Avenue, Nucleoth, Teamuses, 27248, USA</u> is desirous of acquiring the entire interest in the same:

WINTERFORE for pool and valuable consideration, as described in the Policy or Technology and Library and Construction for the Construct

AND, I hereby beed myself, my been, legal representatives, administrators and antigon properly to execute without further processors and antigon properly to execute without further processors and antigonomic processors in the processors and increments which may be necessary in processors and convergence bereity made or intended to be made and made to convergence bereity made or intended to be made and antigonate to execute the execute the execute processors and antigonate obtain and enforce processors are and antigonate to obtain and enforce processors are and antigonate or an all constring the execute.

AND, I hereby coverage that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

AND I the INVENTOR, hereby authorize counsel for VANDERBILT UNIVERSITY to enter above information therebying applications classing and invention as well as any subsequent application classing priority directly or indirectly to the there is not application, including any resource, recommissions, divisions, continuations in part, extensions, or continuations thereof and all rights of priority under the International Convention.

LEGAL NAME OF INVENTOR

Inventor About Calif	LARY LUTY LAR
Symmetry (2000)	
	Date: 10/19/2020
Water Park Street	Marian
Senature 2	

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Take of Insymbon.

Patient Customized Electro-Neural Interface Models for Model-Based Coefficar Implant. Programming and Applications of Sanss

DECLARATION

As a below named inventor I hereby doctars that:

- · This declaration is directed to:
 - C. The anached application, or
 - 55 PCT international application number PCT/US2010/W7884 filed on August 25, 2020.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby siknowledge this any willful false statement made to this declaration is punishable under 18 USC 1001 by fine to imprisonment of not more than five (5) years, or both

ASSIGNMENT

WHEREAS, Yanderbin Conserving basing an office and place of business of 208 Kirkland Hall 1701 West Fold Access Condenses and State Conservation the same

NOW, THEREFORE, for good and valuable consideration, as described in the 1-bits of features. An inter-Works, published in the 1-903-1-994 Vanderbill Faculty Manual, as such posses a greated from the 1-903-1-994 Vanderbill Faculty Manual, as such posses a greated from the 1-903-1-994 Vanderbill Faculty Manual, as such posses a greated from the 1-903-1-994 Vanderbill Faculty and a sixty and a sixty and a sixty and EBBILT UNIVERSITY the control of the INVENTOR.

Application throughout the world, becluding, without limitation, and Letter Partiets the 1-903-1-994 Partiets from the 1-903-1-904 Partiets and a sixty of the above-identified application, results for some interest and all rights of priority under the Partiet Community in the 2-904 Partiet Partiet Partiets and 1-904 Partiets of posterior of the INVENTOR, becausing the right to bring the 1-904 Partiets of the 1-90

AND, I hereby bind myself, my bein. Insidergressmanners assettlement of the consideration any and all applications persons, nells and an expension of the constant of the cons

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EGAL NAME OF INVENTOR

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Attorney Docket No.: 0114506,167WO2

VU Reference No.: VU20008PCT1

	COMBINATION ASSIGNMENT-STATEMENT
	CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION ICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention:	Patient Customized Electro-Neural Interface Models for Model-Based Cochlear Implant Programming and Applications of Same
	<u>DECLARATION</u>
As a below named inventor	I hereby declare that:
	directed to: ed application, or ational application number PCT/US2020/047884 filed on August 26, 2020.
 I believe that I am I hereby acknowled 	ed application was made or authorized to be made by me. the original inventor or an original joint inventor of a claimed invention in the application. Ige that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or out more than five (5) years, or both.
	<u>ASSIGNMENT</u>
	erbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End see, 37240, USA, is desirous of acquiring the entire interest in the same;
Artistic Works, published in sufficiency and adequacy ar assign and transfer unto said application throughout the vapplication claiming priority or continuation thereof and invention possessed by the VANDERBILT UNIVERS had this assignment and sale	ORE, for good and valuable consideration, as described in the Policy on Technology and Literary and the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the ad receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, IVANDERBILT UNIVERSITY the entire right, title and interest in and to said invention and world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension all rights of priority under the Paris Convention arising from said application, and all other rights in said INVENTOR, including the right to bring suit for damages due to past infringements; the same for SITY'S legal representatives and assigns, as fully and entirely as the same would have been held by me a not been made; Id myself, my heirs, legal representatives, administrators and assigns properly to execute without further
consideration any and all ap order to carry into full force generally do everything pos	or mysers, my news, regar representatives, authors and assigns property to execute without future oplications, petitions, oaths and assignments or other papers and instruments which may be necessary in and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and sible to aid VANDERBILT UNIVERSITY, its legal representatives and assigns, to obtain and enforce evention in all countries throughout the world;
AND, I hereby cov which would conflict with t	renant that no assignment, sale, agreement or encumbrance has been or will be made or entered into his assignment.
identifying applications clai above-listed application, inc	NTOR, hereby authorize counsel for VANDERBILT UNIVERSITY to enter above information ming said invention as well as any subsequent application claiming priority directly or indirectly to the cluding any reissues, reexaminations, divisions, continuations-in-part, extensions, or continuations ority under the International Convention.
LEGAL NAME OF INVE	NTOR
Inventor: Robe Signature:	11 F. Labadie Date: 10.20.2020
Witness:	1771 Sm202 Date: 10-20-2020
Signature:	

Attorney Docket No.: 0114506-167WO2

VU Reference No.: VU20008PCT1

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 C	FR 1.63)	FOR UTILIT	Y OR DESIGN	APPLICATION	
USING AN APPLICATION DATA S	HEET (3°	7 CFR 1.76) A	ND ASSIGNME	NT FOR SINGLE	ASSIGNEE

Title of Invention:

Patient Customized Electro-Neural Interface Models for Model-Based Cochlear Implant Programming and Applications of Same

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - The attached application, or
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, <u>Vanderbilt University</u> having an office and place of business at <u>305 Kirkland Hall, 2201 West End</u>
Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, assign and transfer unto said VANDERBILT UNIVERSITY the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in said invention possessed by the INVENTOR, including the right to bring suit for damages due to past infringements; the same for VANDERBILT UNIVERSITY'S legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, paths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid VANDERBILT UNIVERSITY, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

AND, I, the INVENTOR, hereby authorize counsel for VANDERBILT UNIVERSITY to enter above information identifying applications claiming said invention as well as any subsequent application claiming priority directly or indirectly to the above-listed application, including any reissues, reexaminations, divisions, continuations-in-part, extensions, or continuations thereof, and all rights of priority under the International Convention.

Inventor: Rése N. Giffoyd Date: 10/5/2020

Signature: Linsey Synderhaus Date: 10/5/2020

Signature: Signature: 10/5/2020

PATENT REEL: 059087 FRAME: 0988

RECORDED: 02/24/2022