PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
GEORGE DANIEL	05/25/2022	
KRISHNAN THYAGARAJAN	11/22/2019	
ARMIN R. VOLKEL	10/05/2019	
BERNARD D. CASSE	10/04/2019	
CHRISTOPHER PAULSON	10/16/2019	

RECEIVING PARTY DATA

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Street Address:	3333 COYOTE HILL ROAD
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16692639

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ATTORNEY DOCKET NUMBER:	2090009US01/600.0286US01
NAME OF SUBMITTER:	SARA E. WIGANT
SIGNATURE:	/Sara E. Wigant/
DATE SIGNED:	05/28/2022

Total Attachments: 5



Attorney File No.: 2019/00/9US01/0600.000286US01

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <a href="https://doi.org/10.1001/j.jen.com/colors/figures/figu

	is being executed concurrently herewith,	
Q	was first executed on was filed on 22 November 2019 as Application Number 16/692,638.	
Ö	was ned on 22 movember 2019 as Application number 19992,959. claims the benefit of U.S. Provisional Application(s) No(s). filed	

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the inventor(s) hereby sell(s), sasign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not stready entered above.

Krishnan Thyagarajan	CATE
Bernand D. Casse	
Christopher Paulson Joseph Janual Goffge Daniel	5XYE 5/25/2022
Applie D. Volkel	OAYE

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled https://doi.org/10.1016/j.com/named-therein (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

\boxtimes	is being executed	concurrently herewith,	ı.			
	was first executed		j.			
	was filed on	as Application Numb	er .			
	claims the benefit	of U.S. Provisional Ap	plication(s)	No(s).	filed	

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Krishnan (Myogarajan	DALE
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George Daniel	OM1C
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Armin R. Volkel	DATE

Attorney File No.: 20190009US01/0600.000286US01

<u>ASSIGNMENT</u>

The undersigned is/are the named inventor(s) (the	"Inventor(s)") on a	ı United States p	atent application
entitled THREE-DIMENSIONAL COIL SET USED	FOR NEUROMOD	<u>DULATION</u> (the '	"Application") for
inventions disclosed or claimed therein (the "Invention)n(s)"),		
which Application:			

(4) authorize PARC to subsequently enter the entered above. Krishnan Thyagarajan Bernard D. Casse	DATE
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assign(s), and transfer(s) to PARC the entire an the Invention(s), in and for the United States applications, patents, design registrations and pu all priority rights under all present or future conv which priority is claimed in the Application; and	is hereby acknowledged, the Inventor(s) hereby sell(s), id exclusive right, title and interest in the Application and its territories, and all foreign countries, including all ublications obtained or derived therefrom, world wide, and rentions and treaties, and any provisional applications for
Palo Alto Research Center Incorporated, a Deand assigns, and its legal representatives ("PA invention(s), and the full cooperation of the Invention	Delaware Corporation, on behalf of itself, its successors (RC"), is entitled to all rights in the Application and the htor(s).
□ was first executed on □ was filed on	

DATE

Armin R. Volkel

Attorney File No.: 20190009US01/0600.000286US01

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled THREE-DIMENSIONAL COIL SET USED FOR NEUROMODULATION (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

 is being executed concurrently herewith, was first executed on was filed on as Application Number claims the benefit of U.S. Provisional Application(s) No(s). 	filed	·	
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For valuable consideration, the receipt of which is hereby acknowledge	ned the Inve	ntor(s) hereb	ov sell(s)

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

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Krishnan Thyagarajan	DATE
D.CASSE	10-4-2019
Bernard D. Casse	DATE
Christopher Paulson	DATE
George Daniel	DATE
Armin R. Volkel	DATE

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Krishnan Thyagarajan	DATE
Bernard D. Casse	DATE
Christopher Paulson	10/16/2019 DATE
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George Daniel	DATE

DATE

PATENT REEL: 060045 FRAME: 0046

RECORDED: 05/28/2022

Armin R. Volkel