

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5414143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SYNTILLA MEDICAL LLC.	03/09/2019

RECEIVING PARTY DATA

Name:	NUXCEL, INC.
Street Address:	3945 FREEDOM CIRCLE, #1040
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 22

Property Type	Number
Patent Number:	9717917
Patent Number:	9839788
Patent Number:	9707406
Patent Number:	10022549
Patent Number:	9757575
Patent Number:	9833629
Patent Number:	9713726
Patent Number:	9427566
Patent Number:	9839777
Patent Number:	9042991
Patent Number:	9974968
Patent Number:	9884190
Patent Number:	9498635
Patent Number:	9539432
Patent Number:	9498636
Patent Number:	9889308
Application Number:	15599206
Application Number:	15890020
Application Number:	15892605
Application Number:	15979165

PATENT

Property Type	Number
Application Number:	16198216
PCT Number:	US1862272

CORRESPONDENCE DATA

Fax Number: (972)628-3616

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: 9726283600

Email: IPDOCKETING@MUNCKWILSON.COM

Correspondent Name: GREGORY M. HOWISON

Address Line 1: P.O. DRAWER 800889

Address Line 4: DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	NUXC60-32143
NAME OF SUBMITTER:	GREGORY M. HOWISON
SIGNATURE:	/GREGORY M. HOWISON, REG. #30646/
DATE SIGNED:	03/11/2019

Total Attachments: 7

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**RESTATED SYNTILLA TO NUXCEL
CONFIRMATORY PATENT ASSIGNMENT**

This Confirmatory Patent is entered into as of January 23, 2019 (the "*Effective Date*") by and between: NuXcel, Inc., a Delaware corporation ("*NuXcel*") and Syntilla Medical LLC. ("*Syntilla*"). NuXcel and Syntilla may each be referred to individually as a "*Party*" or, collectively, as the "*Parties*".

WHEREAS pursuant to that certain Asset Purchase Agreement dated January 23, 2019 (the "*Purchase Agreement*"), Syntilla sold to NuXcel and ShiraTronics, Inc. all of its Business Assets (as defined in the Purchase Agreement) but excluding the Business Intellectual Property (as defined in the Purchase Agreement) and NuXcel became the owner of all of the Business Intellectual Property of Syntilla, including all right, title and interest in and to the patents and patent applications set forth on Attachment 1 hereto (collectively, the "*Patents*").

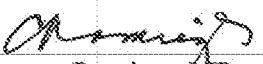
WHEREAS the SYNTILLA TO NUXCEL CONFIRMATORY PATENT ASSIGNMENT (attached hereto as Attachment 2) and executed January 27, 2019, is corrected herein as to Attachment 1 therein to reflect the addition of associated patent numbers or application numbers.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, NuXcel and Syntilla hereby confirm that Syntilla has sold, assigned and transferred to NuXcel its entire right, title and interest in and to the Patents and all United States, international and foreign utility and design patents and applications therefor, or issuing or taking priority therefrom, and all divisions, renewals, extensions, continuations and continuations in-part thereof and all patents issuing from any of the foregoing applications.

IN WITNESS WHEREOF, the Parties have by duly authorized persons executed this Agreement as of the Effective Date.

SYNTILLA MEDICAL LLC.

NUXCEL, INC.

By: 
Name: Corazon Ramirez, MD
Title: Manager for Syntilla Medical LLC.

By: _____
Name: _____
Title: _____

Date: Jan 9, 2019

Date: _____

Attachment 1

Patents

<u>FILE</u>	<u>APPLICATION OR PATENT NO.</u>	<u>TITLE</u>	<u>STATUS</u>	<u>CNTRY</u>	<u>NEXT ACTION</u>	<u>DUE DATE</u>
32723	9,717,917	CHARGING SYSTEM INCORPORATING INDEPENDENT CHARGING AND COMMUNICATION WITH MULTIPLE IMPLANTED DEVICES	ISSUED	US	First Maintenance Fee	February 1, 2021
32724	9,839,788	CHARGING SYSTEM INCORPORATING BI- DIRECTIONAL COMMUNICATION WITH IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	June 12, 2021
32725	9,707,406	CHARGING SYSTEM INCORPORATING RECEIVE COIL DE-TUNING WITHIN AN IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	January 18, 2021
32726	10,022,549	CHARGING SYSTEM INCORPORATING DATA COMMUNICATION AND POWER TRANSMISSION USING OPPOSITE POLARITY HALF-WAVE RECTIFIED SIGNALS RECEIVED BY IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	January 17, 2022
32727	9,757,575	CHARGING SYSTEM INCLUDING TRANSMIT COIL CURRENT SENSING CIRCUITRY	ISSUED	US	First Maintenance Fee	March 12, 2021
32728	9,833,629	CHARGING SYSTEM PROVIDING ADJUSTABLE TRANSMITTED POWER TO IMPROVE POWER EFFICIENCY WITHIN AN IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	June 5, 2021
32729	9,713,726	CHARGING SYSTEM INCORPORATING FEEDBACK EXCITATION CONTROL OF RESONANT COIL DRIVER AMPLIFIER	ISSUED	US	First Maintenance Fee	January 25, 2021
32186	9,427,566	IMPLANTABLE NEUROSTIMULATION LEAD FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	February 11, 2020
33034	9,839,777	IMPLANTABLE NEUROSTIMULATION LEAD FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	June 12, 2021
32187	9,042,991	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	Second Maintenance Fee	November 26, 2022
32651	9,974,968	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	November 22, 2021

32680	9,884,190	SURGICAL METHOD FOR IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	August 6, 2021
32774	9,498,635	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	May 22, 2020
32947	9,539,432	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	July 10, 2020
32946	9,498,636	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	May 22, 2020
33428	9,889,308	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	August 13, 2021
33310	15/599,206	SURGICAL METHOD FOR IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	Issue Fee	March 4, 2019
34195	2017800156026	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	CN	Request Examination	January 6, 2019
33078	14855587.3	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	EP	Annuity	August 15, 2019
34027	15/890,020	SURGICAL METHOD FOR IMPLANTABLE NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	US	Awaiting 1 st Office Action	May 6, 2019
34028	15/892,605	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	US	Awaiting 1 st Office Action	May 9, 2019
34117	15/979,165	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	US	Awaiting 1 st Office Action	August 14, 2019
33076	2014340652	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDING	AU	Awaiting 1 st Office Action - Examination Requested 03/15/18	May 15, 2019
33077	2927581	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDING	CA	Request Examination	August 15, 2019

34194	17736351.2	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDING	EP	Annuity Due	January 5, 2019
34252	16/198,216	LOW PROFILE HEAD- LOCATED NEUROSTIMULATOR AND METHOD OF FABRICATION	PENDING	US	Awaiting 1 st Office Action	December 21, 2019
34422	PCT/US18/62272	LOW PROFILE HEAD- LOCATED NEUROSTIMULATOR AND METHOD OF FABRICATION	PENDING	WO	PCT 30-Mo Deadline	May 21, 2020
32730	N/A	DEVICE AND METHOD FOR TREATMENT OF CLUSTER AND MIGRAINE HEADACHES WITH COMBINED SPHENOPALATINE GANGLION-SUPRAORBITAL- OCCIPITAL NEUROSTIMULATION	PROPOSED	Proposed	Application Draft	April 2, 2019

**SYNTILLA TO NUXCEL
CONFIRMATORY PATENT ASSIGNMENT**

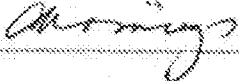
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NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, NuXcel and Syntilla hereby confirm that Syntilla has sold, assigned and transferred to NuXcel its entire right, title and interest in and to the Patents and all United States, international and foreign utility and design patents and applications therefor, or issuing or taking priority therefrom, and all divisions, renewals, extensions, continuations and continuations in-part thereof and all patents issuing from any of the foregoing applications.

IN WITNESS WHEREOF, the Parties have by duly authorized persons executed this Agreement as of the Effective Date.

SYNTILLA MEDICAL LLC.

By: 

Name: Corazon Ramierz, MD

Title: President Syntilla Medical LLC

Date: 1-27-2019

NUXCEL, INC.

By: _____

Name: _____

Title: _____

Date: _____

Attachment 1

Patents

FILE	TITLE	STATUS	CNTRY	NEXT ACTION	DUE DATE
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32724	CHARGING SYSTEM INCORPORATING BI-DIRECTIONAL COMMUNICATION WITH IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	June 12, 2021
32725	CHARGING SYSTEM INCORPORATING RECEIVE COIL DE-TUNING WITHIN AN IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	January 18, 2021
32726	CHARGING SYSTEM INCORPORATING DATA COMMUNICATION AND POWER TRANSMISSION USING OPPOSITE POLARITY HALF-WAVE RECTIFIED SIGNALS RECEIVED BY IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	January 17, 2022
32727	CHARGING SYSTEM INCLUDING TRANSMIT COIL CURRENT SENSING CIRCUITRY	ISSUED	US	First Maintenance Fee	March 12, 2021
32728	CHARGING SYSTEM PROVIDING ADJUSTABLE TRANSMITTED POWER TO IMPROVE POWER EFFICIENCY WITHIN AN IMPLANTED DEVICE	ISSUED	US	First Maintenance Fee	June 5, 2021
32729	CHARGING SYSTEM INCORPORATING FEEDBACK EXCITATION CONTROL OF RESONANT COIL DRIVER AMPLIFIER	ISSUED	US	First Maintenance Fee	January 25, 2021
32186	IMPLANTABLE NEUROSTIMULATION LEAD FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	February 11, 2020
33034	IMPLANTABLE NEUROSTIMULATION LEAD FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	June 12, 2021
32187	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	Second Maintenance Fee	November 26, 2022
32651	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	November 22, 2021
32680	SURGICAL METHOD FOR IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	August 6, 2021
32774	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	May 22, 2020
32947	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	July 10, 2020
32946	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	May 22, 2020
33428	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ISSUED	US	First Maintenance Fee	August 13, 2021
33310	SURGICAL METHOD FOR IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	ALLOWED	US	Issue Fee	March 4, 2019
34195	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	CN	Request Examination	January 6, 2019
33078	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	EP	Annuity	August 15, 2019
34027	SURGICAL METHOD FOR IMPLANTABLE NEUROSTIMULATION SYSTEM FOR PAIN	PUBLISHED	US	Awaiting 1st Office Action	May 6, 2019
34028	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLISHED	US	Awaiting 1st Office Action	May 9, 2019

34117	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PUBLIS HED	US	Awaiting 1st Office Action	August 14, 2019
33076	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDIN G	AU	Awaiting 1st Office Action - Examination Requested 03/15/18	May 15, 2019
33077	IMPLANTABLE HEAD MOUNTED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDIN G	CA	Request Examination	August 15, 2019
34194	IMPLANTABLE HEAD LOCATED RADIOFREQUENCY COUPLED NEUROSTIMULATION SYSTEM FOR HEAD PAIN	PENDIN G	EP	Annully Due	January 5, 2019
34252	LOW PROFILE HEAD-LOCATED NEUROSTIMULATOR AND METHOD OF FABRICATION	PENDIN G	US	Awaiting 1st Office Action	December 21, 2019
34422	LOW PROFILE HEAD-LOCATED NEUROSTIMULATOR AND METHOD OF FABRICATION	PENDIN G	WO	PCT 30-Mo Deadline	May 21, 2020
32730	DEVICE AND METHOD FOR TREATMENT OF CLUSTER AND MIGRAINE HEADACHES WITH COMBINED SPHENOPALATINE GANGLION- SUPRAORBITAL-OCCIPITAL NEUROSTIMULATION	PROPO SED	PROPO SED	Application Draft	April 2, 2019