

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5647383

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICRON DEVICES LLC	11/06/2018
RECEIVING PARTY DATA	
Name:	STIMWAVE TECHNOLOGIES INCORPORATED
Street Address:	1310 PARK CENTRAL BLVD. SOUTH
City:	POMPANO BEACH
State/Country:	FLORIDA
Postal Code:	33064
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16357562
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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>	
Phone:	(202) 626-6442
Email:	apsi@fr.com
Correspondent Name:	YAO WANG
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	39943-0057002
NAME OF SUBMITTER:	ARLENE F. YATES
SIGNATURE:	/Arlene F. Yates/
DATE SIGNED:	08/01/2019
Total Attachments: 6	
source=Micron to Stimwave Executed Assignment #2#page1.tif	
source=Micron to Stimwave Executed Assignment #2#page2.tif	
source=Micron to Stimwave Executed Assignment #2#page3.tif	
source=Micron to Stimwave Executed Assignment #2#page4.tif	
source=Micron to Stimwave Executed Assignment #2#page5.tif	

PATENT ASSIGNMENT

WHEREAS, **Micron Devices LLC**, a Delaware limited liability company, having its principal place of business at 1310 Park Central Blvd. South, Pompano Beach, FL 33064 (the "ASSIGNOR"), is the owner of the entire right, title and interest in and to patents and patent applications listed on the attached Schedule A ("Patents"), as well as the inventions that are the subject of the Patents ("Inventions").

WHEREAS, **Stimwave Technologies Incorporated**, a Delaware corporation, having its principal place of business at 1310 Park Central Blvd. South, Pompano Beach, FL 33064 (the "ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the Inventions and Patents.

NOW, THEREFORE, in consideration of good and valuable considerations paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assignees, the entire right, title and interest throughout the world in the Inventions and Patents, this assignment including the right to sue for past infringement of the Patents, any and all United States and foreign patents or applications claiming priority to the Patents (including continuation, divisional, and other applications claiming priority to the Patents), utility models, and design registrations granted for any of the Inventions, and the right to claim priority based on the filing date of the Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

ASSIGNOR agrees for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this assignment.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer.

(ASSIGNOR)

By Laure Rongier
Title Manager
Date 11/6/18

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest as noted above.

(ASSIGNEE)

By Laure Rongier
Title CEO
Date 11-6-18

SCHEDULE A

Matter ID	Serial No.	Filing Date	Patent No.	Title
39943-0003001	14/045,764	10/03/2013	9,220,897	IMPLANTABLE LEAD
39943-0003002	14/972,386	12/17/2015	9,789,314	IMPLANTABLE LEAD
39943-0003003	15/709,962	09/20/2017		IMPLANTABLE LEAD
39943-0003P01	61/471,496	04/04/2011		LEADLESS NEURAL STIMULATOR
39943-0003WO1	PCT/US2012/032200	04/04/2012		IMPLANTABLE LEAD
39943-0004001	13/551,050	07/17/2012	9,409,030	NEURAL STIMULATOR SYSTEM
39943-0004002	14/068,750	10/31/2013	9,566,449	NEURAL STIMULATOR SYSTEM
39943-0004003	15/254,741	09/01/2016	9,925,384	NEURAL STIMULATOR SYSTEM
39943-0004004	15/935,410	03/26/2018		NEURAL STIMULATOR SYSTEM
39943-0004P01	61/437,561	01/28/2011		METHODS, SYSTEMS AND APPARATUS FOR WIRELESS NEURAL MODULATION SPINAL CORD STIMULATION FEEDBACK CONTROL SYSTEMS
39943-0004WO1	PCT/US2012/023029	01/27/2012		NEURAL STIMULATOR SYSTEM
39943-0005001	13/897,427	05/19/2013	8,903,502	METHODS AND DEVICES FOR MODULATING EXCITABLE TISSUE OF THE EXITING SPINAL NERVES
39943-0005P01	61/649,834	05/21/2012		TRANSFORAMINAL OR SACRAL HIATUS IMPLANTATION OF A STIMULATION SYSTEM
39943-0011001	13/562,221	07/30/2012	9,199,089	REMOTE CONTROL OF POWER OR POLARITY SELECTION FOR A NEURAL STIMULATOR
39943-0011002	14/068,828	10/31/2013	9,757,571	REMOTE CONTROL OF POWER OR POLARITY SELECTION FOR A NEURAL STIMULATOR
39943-0011003	15/694,330	09/01/2017		POLARITY REVERSING LEAD
39943-0011P01	61/513,397	07/29/2011		POLARITY REVERSING ISOLATED REMOTELY POWERED LEAD
39943-0011WO1	PCT/US2012/048903	07/30/2012		REMOTE CONTROL OF POWER OR POLARITY SELECTION FOR A NEURAL STIMULATOR
39943-0012001	13/584,618	08/13/2012	8,849,412	MICROWAVE FIELD STIMULATOR
39943-0012002	14/445,159	07/29/2014		MICROWAVE FIELD STIMULATOR
39943-0012P01	61/522,812	08/12/2011		MICROWAVE FIELD STIMULATOR AND IMPEDANCE MATCHING METHODS AND SYSTEMS FOR REMOTE POWERING AND CONTROL OF LEADLESS ELECTRODE ARRAYS FOR NEURAL STIMULATION
39943-0012WO1	PCT/US2012/050633	08/13/2012		MICROWAVE FIELD STIMULATOR
39943-0013001	13/621,530	09/17/2012	9,242,103	RELAY MODULE FOR IMPLANT
39943-0013002	15/002,610	01/21/2016	9,974,965	RELAY MODULE FOR IMPLANT
39943-0013003	15/983,355	05/18/2018		RELAY MODULE FOR IMPLANT
39943-0013P01	61/535,295	09/15/2011		MICROWAVE STIMULATION SYSTEM, METHOD AND APPARATUS FOR DISTANT REMOTE POWERING OF IMPLANTED NEURAL STIMULATORS
39943-0013WO1	PCT/US2012/055746	09/17/2012		RELAY MODULE FOR IMPLANT
39943-0014001	14/141,197	12/26/2013	9,254,393	WEARABLE ANTENNA ASSEMBLY
39943-0014002	15/002,593	01/21/2016		WEARABLE ANTENNA ASSEMBLY
39943-0014P01	61/745,952	12/26/2012		WEARABLE ANTENNA ASSEMBLY
39943-0027P01	61/733,867	12/05/2012		DIRECT STIMULATOR CONNECTOR SYSTEM AND METHODS
39943-0027US1	14/648,604	05/29/2015		DEVICES AND METHODS FOR

Matter ID	Serial No.	Filing Date	Patent No.	Title
				CONNECTING IMPLANTABLE DEVICES TO WIRELESS ENERGY
39943-0027WO1	PCT/US2013/073326	12/05/2013		DEVICES AND METHODS FOR CONNECTING IMPLANTABLE DEVICES TO WIRELESS ENERGY
39943-0030001	14/590,524	01/06/2015		WIRELESS NEURAL STIMULATOR IMPLANTATION
39943-0030P01	61/923,792	01/06/2014		SPINAL CORD STIMULATOR SYSTEM
39943-0031001	14/214,241	03/14/2014		WIRELESS IMPLANTABLE POWER RECEIVER SYSTEM AND METHODS
39943-0032P01	61/786,049	03/14/2013		DEVICES AND METHODS FOR TREATING INFLAMMATION, CHRONIC PAIN AND OTHER DISORDERS WITH NEUROMODULATION
39943-0032US1	14/775,218	09/11/2015	9,717,921	TREATING INFLAMMATION, CHRONIC PAIN AND OTHER DISORDERS WITH NEUROMODULATION
39943-0032WO1	PCT/US2014/029704	03/14/2014		TREATING INFLAMMATION, CHRONIC PAIN AND OTHER DISORDERS WITH NEUROMODULATION
39943-0033P01	61/786,098	03/14/2013		MINIATURE IMPLANTABLE LEAD AND METHODS
39943-0033US1	14/775,306	09/11/2015		MINIATURE IMPLANTABLE DEVICE AND METHODS
39943-0033WO1	PCT/US2014/029726	03/14/2014		MINIATURE IMPLANTABLE LEAD AND METHODS
39943-0034P01	61/786,131	03/14/2013		DEVICES AND METHODS FOR TREATING CRANIOFACIAL PAIN
39943-0034US1	14/775,455	09/11/2015		DEVICES AND METHODS FOR TREATING CRANIOFACIAL PAIN
39943-0034WO1	PCT/US2014/029681	03/14/2014		DEVICES AND METHODS FOR TREATING CRANIOFACIAL PAIN
39943-0035P01	61/786,181	03/14/2013		DEVICES AND METHODS FOR TREATING UROLOGICAL DISORDERS
39943-0035US1	14/775,429	09/11/2015	9,623,253	DEVICES AND METHODS FOR TREATING UROLOGICAL DISORDERS
39943-0035WO1	PCT/US2014/029683	03/14/2014		DEVICES AND METHODS FOR TREATING UROLOGICAL DISORDERS
39943-0036001	14/214,432	03/14/2014	9,433,789	METHOD, SYSTEM AND APPARATUS FOR REMOTE NEURAL MODULATION BRAIN STIMULATION AND FEEDBACK CONTROL
39943-0038001	14/722,224	05/27/2015		STIMULATION WITH ELECTRODE ARRAYS
39943-0038P01	62/004,284	05/29/2014		SYSTEM AND METHOD FOR STIMULATION WITH ELECTRODE
39943-0039001	14/952,302	11/25/2015	9,731,140	CONTROLLER INTERFACE FOR AN IMPLANTABLE STIMULATOR DEVICE
39943-0039002	15/661,593	07/27/2017		CONTROLLER INTERFACE FOR AN IMPLANTABLE STIMULATOR DEVICE
39943-0039P01	62/084,743	11/26/2014		SOFTWARE CONTROLLER INTERFACE FOR AN IMPLANTABLE STIMULATOR DEVICE
39943-0040001	14/796,067	07/10/2015	9,522,270	CIRCUIT FOR AN IMPLANTABLE DEVICE
39943-0040002	15/383,646	12/19/2016		CIRCUIT FOR AN IMPLANTABLE DEVICE
39943-0040P01	62/022,768	07/10/2014		CIRCUIT FOR AN IMPLANTABLE

Matter ID	Serial No.	Filing Date	Patent No.	Title
				DEVICE
39943-0041001	29/498,783	08/07/2014	D,752,761	EXTERNAL TRANSIT MODULATOR FOR AN IMPLANTABLE NEURAL STIMULATOR
39943-0041002	29/498,784	08/07/2014	D,752,762	EXTERNAL TRANSMIT MODULATOR FOR IMPLANTABLE NEURAL STIMULATOR
39943-0042001	29/498,787	08/07/2014	D,730,529	FLEXIBLE CIRCUIT FOR AN IMPLANTABLE NEURAL STIMULATOR
39943-0043001	14/312,234	06/23/2014	9,907,950	SYSTEM AND METHOD FOR STIMULATION WITH ELECTRODE
39943-0043002	15/911,268	03/05/2018		SYSTEM AND METHOD FOR STIMULATION WITH ELECTRODE
39943-0043P01	61/838,239	06/22/2013		METHODS AND DEVICES FOR THE SELECTIVE MODULATION OF EXCITABLE TISSUE
39943-0045001	29/478,687	01/07/2014		WIRELESS ANTENNA ASSEMBLY
39943-0048001	14/710,548	05/12/2015	9,409,029	REMOTE RF POWER SYSTEM WITH LOW PROFILE TRANSMITTING ANTENNA
39943-0048002	15/228,715	08/04/2016		REMOTE RF POWER SYSTEM WITH LOW PROFILE TRANSMITTING ANTENNA
39943-0048P01	61/992,150	05/12/2014		REMOTE MICROWAVE STIMULATION SYSTEM WITH LOW PROFILE TRANSMITTING ANTENNA
39943-0049001	29/490,658	05/12/2014	D,794,774	STYLET HANDLE
39943-0050001	14/710,556	05/12/2015		STYLET HANDLE ASSEMBLY
39943-0050P01	61/992,144	05/12/2014		STYLET HANDLE
39943-0051001	29/478,690	01/07/2014	D716,462	HANDHELD TREATMENT DEVICE
39943-0052001	14/615,360	02/05/2015	9,446,251	HANDHELD TREATMENT DEVICE
39943-0052P01	61/936,191	02/05/2014		HANDHELD TREATMENT DEVICE
39943-0053001	14/986,379	12/31/2015	10,056,688	PATCH ANTENNA ASSEMBLY
39943-0053002	15/999,034	08/20/2018		PATCH ANTENNA ASSEMBLY
39943-0053P01	62/098,900	12/31/2014		PATCH ANTENNA ASSEMBLY
39943-0053WO1	PCT/US2015/068343	12/31/2015		PATCH ANTENNA ASSEMBLY
39943-0054001	14/986,324	12/31/2015	10,058,705	ANTENNA ASSEMBLY
39943-0054002	16/019,094	06/26/2018		ANTENNA ASSEMBLY
39943-0054P01	62/098,946	12/31/2014		ANTENNA ASSEMBLY
39943-0054WO1	PCT/US2015/068348	12/31/2015		ANTENNA ASSEMBLY
39943-0055001	15/062,973	03/07/2016		PLACEMENT OF NEURAL STIMULATORS
39943-0055P01	62/129,534	03/06/2015		PLACEMENT OF NEURAL STIMULATORS
39943-0056001	15/064,739	03/09/2016	10,092,755	NEURAL STIMULATOR PLACEMENT
39943-0056P01	62/130,477	03/09/2015		NEURAL STIMULATOR PLACEMENT
39943-0057001	15/065,978	03/10/2016		NEURAL STIMULATOR PLACEMENT
39943-0057P01	62/131,041	03/10/2015		NEURAL STIMULATOR PLACEMENT
39943-0058P01	62/174,047	06/11/2015		EMBEDDED FIXATION DEVICES OR LEADS
39943-0059001	29/524,152	04/17/2015	D758,596	FLEXIBLE CIRCUIT FOR AN IMPLANTABLE NEURAL STIMULATOR
39943-0060P01	62/148,806	04/17/2015		FLEXIBLE CIRCUIT FOR AN IMPANTABLE DEVICE
39943-0061P01	62/182,833	06/22/2015		AN EARPIECE ASSEMBLY TO INTERACT WITH IMPLANTABLE NEURAL STIMULATORS
39943-0061US1	15/738,903	12/21/2017		AN EARPIECE ASSEMBLY TO

Matter ID	Serial No.	Filing Date	Patent No.	Title
				INTERACT WITH IMPLANTABLE NEURAL STIMULATORS
39943-0061WO1	PCT/US2016/038747	06/22/2016		AN EARPIECE ASSEMBLY TO INTERACT WITH IMPLANTABLE NEURAL STIMULATORS
39943-0063001	15/807,023	11/08/2017		AN IMPLANTABLE RELAY MODULE
39943-0063002	16/008,245	06/14/2018		AN IMPLANTABLE RELAY MODULE
39943-0063P01	62/279,361	01/15/2016		AN IMPLANTABLE RELAY MODULE
39943-0063WO1	PCT/US2017/013718	01/17/2017		AN IMPLANTABLE RELAY MODULE
39943-0064001	15/604,313	05/24/2017		PULSE-DENSITY MODULATION TO SYNTHESIZE STIMULATION WAVEFORMS ON AN IMPANTABLE DEVICE
39943-0064P01	62/340,580	05/24/2016		PULSE-DENSITY MODULATION TO SYNTHESIZE STIMULATION WAVEFORMS ON AN IMPANTABLE DEVICE
39943-0065001	15/620,165	06/12/2017		USER INTERFACE FOR A PATIENT USER TO ADJUST SETTINGS ON AN IMPANTABLE DEVICE
39943-0065P01	62/348,188	06/10/2016		USER INTERFACE FOR A PATIENT USER TO ADJUST SETTINGS ON AN IMPANTABLE DEVICE
39943-0067001	15/663,300	07/28/2017		FABRIC ANTENNA
39943-0067P01	62/367,766	07/28/2016		FABRIC ANTENNA
39943-0074001	16/030,093	07/09/2018		AN INJECTABLE ANCHOR SYSTEM AND METHODS FOR USING THE SAME TO IMPLANT AN IMPLANTABLE DEVICE
39943-0074P01	62/530,501	07/10/2017		AN INJECTABLE ANCHOR SYSTEM AND METHODS FOR USING THE SAME TO IMPLANT AN IMPLANTABLE DEVICE
39943-0077P01	62/624,982	02/01/2018		SYSTEMS AND METHODS TO SENSE STIMULATION ELECTRODE TISSUE IMPEDANCE
39943-0078P01	62/588,625	11/20/2017		SYSTEMS AND METHODS TO LOCATE AN IMPLANTABLE STIMULATOR DEVICE INSIDE A SUBJECT