

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7038111

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
MANUFACTURERS AND TRADERS TRUST COMPANY		09/03/2021
RECEIVING PARTY DATA		
Name:	GREATBATCH LTD.	
Street Address:	10000 WEHRLE DRIVE	
City:	CLARENCE	
State/Country:	NEW YORK	
Postal Code:	14031	
PROPERTY NUMBERS Total: 105		
Property Type	Number	
Patent Number:	7162308	
Patent Number:	7167749	
Patent Number:	7168142	
Patent Number:	7171267	
Patent Number:	7186049	
Patent Number:	7194315	
Patent Number:	7199995	
Patent Number:	7244279	
Patent Number:	7252797	
Patent Number:	7263449	
Patent Number:	7271994	
Patent Number:	7273674	
Patent Number:	7286336	
Patent Number:	7310216	
Patent Number:	7314685	
Patent Number:	7327553	
Patent Number:	7363090	
Patent Number:	7375496	
Patent Number:	7383090	
Patent Number:	7389695	

PATENT

Property Type	Number
Patent Number:	7410509
Patent Number:	7422826
Patent Number:	7432001
Patent Number:	7465521
Patent Number:	7482093
Patent Number:	7483260
Patent Number:	7489495
Patent Number:	7493167
Patent Number:	7497853
Patent Number:	7531274
Patent Number:	7535693
Patent Number:	7544197
Patent Number:	7551963
Patent Number:	7553305
Patent Number:	7564674
Patent Number:	7569452
Patent Number:	7572551
Patent Number:	7586292
Patent Number:	7592097
Patent Number:	7611805
Patent Number:	7615010
Patent Number:	7615044
Patent Number:	7623335
Patent Number:	7623336
Patent Number:	7630768
Patent Number:	7640064
Patent Number:	7645538
Patent Number:	7646170
Patent Number:	7678074
Patent Number:	7688596
Patent Number:	7689288
Patent Number:	7702387
Patent Number:	7702398
Patent Number:	7709158
Patent Number:	7710713
Patent Number:	7715923
Patent Number:	7718310
Patent Number:	7722787

Property Type	Number
Patent Number:	7722992
Patent Number:	7727372
Patent Number:	7729781
Patent Number:	7736802
Patent Number:	7749651
Patent Number:	7751893
Patent Number:	7751903
Patent Number:	7754111
Patent Number:	7765005
Patent Number:	7771497
Patent Number:	7776470
Patent Number:	7787958
Patent Number:	7797048
Patent Number:	7804676
Patent Number:	7812691
Patent Number:	7813107
Patent Number:	7820328
Patent Number:	7832277
Patent Number:	7842415
Patent Number:	7844348
Patent Number:	7849872
Patent Number:	7853324
Patent Number:	7853325
Patent Number:	7854340
Patent Number:	7855009
Patent Number:	7867293
Patent Number:	7875379
Patent Number:	7879217
Patent Number:	7882622
Patent Number:	7890192
Patent Number:	7899551
Patent Number:	7901406
Patent Number:	7905353
Patent Number:	7909191
Patent Number:	7916013
Patent Number:	7917219
Patent Number:	7920916
Patent Number:	7930040

Property Type	Number
Patent Number:	7939199
Patent Number:	7945322
Patent Number:	D536453
Patent Number:	D573256
Patent Number:	D575628
Patent Number:	D579568
Patent Number:	D579569
Patent Number:	D589143
Patent Number:	D612044

CORRESPONDENCE DATA

Fax Number: (215)988-2757

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ATTORNEY DOCKET NUMBER:	216837
NAME OF SUBMITTER:	KAREN M. SPINA
SIGNATURE:	/Karen M. Spina/
DATE SIGNED:	11/22/2021

Total Attachments: 15

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RELEASE OF SECURITY INTEREST IN PATENT RIGHTS

This RELEASE OF SECURITY INTEREST IN PATENT RIGHTS ("Release"), effective as of [September 3], 2021, given by **MANUFACTURERS AND TRADERS TRUST COMPANY**, a national banking association, with an address at One M&T Plaza, Buffalo, NY 14240, as Administrative Agent ("Agent") to **GREATBATCH, LTD.**, a New York corporation, ("Grantor"), as follows:

W I T N E S S E T H

WHEREAS, pursuant to that certain Amended and Restated Security Agreement dated as of June 24, 2011 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), the Lenders (as defined in the Security Agreement) have agreed to extend credit to the Borrower (as defined in the Security Agreement);

WHEREAS, in connection with the Security Agreement, the Grantor executed that certain Amended and Restated Grant of Security Interest, dated as of June 24, 2011 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement") and granted to the Agent a security interest in the Collateral, including the United States patents and patent applications set forth on Schedule A attached hereto (the "Patents") to secure the Obligations (as defined in the Security Agreement), which was recorded by the U.S. Patent and Trademark Office on July 1, 2011 at Reel / Frame no. 026539 / 0217;

WHEREAS, the Agent wishes to release and restore all right, title and interest in and to the Patents to the Grantor and to terminate the encumbrance created by the Security Agreement and the Security Agreement in respect of the Patents.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Agent hereby terminates, releases, cancels, relinquishes and discharges the security interest in the Patents created by the Security Agreement and the Security Agreement and reassigns all right, title and interest it has in the Patents to the Grantor.

THIS RELEASE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK AND SHALL BE BINDING UPON THE GRANTOR'S AND THE AGENT'S REPRESENTATIVES, SUCCESSORS, ASSIGNS AND TRANSFEREES.

IN WITNESS WHEREOF, the undersigned, by and through its authorized officer, has caused this Release to be executed under seal on the date first written above.

**MANUFACTURERS AND TRADERS TRUST
COMPANY**, as Administrative Agent

By: 

Printed Name: Patrick Covert

Title: Vice President

SCHEDULE A

Patents

Patent	Publication	Application	Invention title
7945322	20070112398	11558349	TANK FILTERS PLACED IN SERIES WITH THE LEAD WIRES OR CIRCUITS OF ACTIVE MEDICAL DEVICES TO ENHANCE MRI COMPATIBILITY
7939199		11736039	METHOD OF CONTROLLING VOLTAGE DELAY AND RDC GROWTH IN AN ELECTROCHEMICAL CELL USING LOW BASIS WEIGHT CATHODE MATERIAL
7930040		12478301	ROTATABLE LEAD INTRODUCER
7920916	20100231327	12795190	CAPACITOR AND INDUCTOR ELEMENTS PHYSICALLY DISPOSED IN SERIES WHOSE LUMPED PARAMETERS ARE ELECTRICALLY CONNECTED IN PARALLEL TO FORM A BANDSTOP FILTER
7917219	20090116167	12269255	PASSIVE ELECTRONIC NETWORK COMPONENTS DESIGNED FOR DIRECT BODY FLUID EXPOSURE
7916013	20060212096	11307145	RFID DETECTION AND IDENTIFICATION SYSTEM FOR IMPLANTABLE MEDICAL DEVICES
7909191	20060273084	11446613	CONNECTABLE INSTRUMENT TRAYS

			FOR CREATING A MODULAR CASE
7905353	20080000899	11725532	STACKABLE CONTAINMENT TRAYS AND CASES WITH SLIDE LATCHES
7901406	20110071526	11935279	CONTOURED REAMER TEETH
7899551	20080132987	11943883	MEDICAL LEAD SYSTEM UTILIZING ELECTROMAGNETIC BANDSTOP FILTERS
7890192		12478797	METHOD FOR INSERTING A LEAD ELECTRODE INTO BODY TISSUE USING A ROTATABLE LEAD INTRODUCER
7882622	20070143989	11615369	APPARATUS AND METHOD FOR FABRICATING CATHODE COLLECTORS FOR LITHIUM/OXYHALIDE ELECTROCHEMICAL CELLS
7879217	20070125658	11565766	METHOD OF FORMING VALVE METAL ANODE PELLETS FOR CAPACITORS USING FORCED CONVECTION OF LIQUID ELECTROLYTE DURING ANODIZATION
7875379	20070009789	11177017	ELECTROCHEMICAL CELL HAVING A POCKET SEPARATOR DESIGN
7867293		12702403	METHOD FOR PROVIDING AN ELECTROCHEMICAL CELL HAVING A POCKET SEPERATOR DESIGN
7855009	20070059599	11532126	SANDWICH CATHODE ELECTROCHEMICAL

			CELL WITH WOUND ELECTRODE ASSEMBLY
7854340		11725533	STACKABLE STORAGE CONTAINERS WITH CONNECTING LATCHES
7853325	20080116997	11943854	CYLINDRICAL BANDSTOP FILTERS FOR MEDICAL LEAD SYSTEMS
7853324	20080071313	11860402	TANK FILTERS UTILIZING VERY LOW K MATERIALS, IN SERIES WITH LEAD WIRES OR CIRCUITS OF ACTIVE MEDICAL DEVICES TO ENHANCE MRI COMPATIBILITY
7849872	20090045622	11837707	KEYED FLUID CONNECTOR AND FLUID DISPENSING SYSTEM
7844348	20070038052	11463286	FIBER OPTIC ASSISTED MEDICAL LEAD
7842415	20100248017	12813563	TERMINAL CONNECTOR FOR CONNECTING A CELL TO A MEDICAL DEVICE
7832277	20080216556	12116548	WIRELESS FLUID PRESSURE SENSOR
7820328		11829229	ELECTROCHEMICAL CELL ELECTRODE WITH IMPROVED PARTICLE-TO-PARTICLE CONTACT AND METHOD OF MANUFACTURING
7813107		12045798	WET TANTALUM CAPACITOR WITH MULTIPLE ANODE CONNECTIONS
7812691		12267932	FUNCTIONALLY GRADED COATINGS FOR LEAD WIRES IN MEDICAL IMPLANTABLE

			HERMETIC FEEDTHROUGH ASSEMBLIES
7804676	20090128986	11943419	HYBRID DISCOIDAL/TUBULAR CAPACITOR
7797048	20080294220	11689782	FEEDTHROUGH FILTER TERMINAL ASSEMBLIES WITH BREATHABLE COMPONENTS TO FACILITATE LEAK TESTING
7787958	20080065181	11943470	RFID DETECTION AND IDENTIFICATION SYSTEM FOR IMPLANTABLE MEDICAL LEAD SYSTEMS
7776470	20070072075	11535139	ANODE-TO-CATHODE CAPACITY RATIOS FOR SVO/CFX HYBRID CATHODE ELECTROCHEMICAL CELLS
7771497		11307021	METHOD OF USING CYCLIC PRESSURE TO INCREASE THE PLANARITY OF SVO/CURRENT COLLECTOR/CFX ELECTRODES FOR USE IN LITHIUM ELECTROCHEMICAL CELLS
7765005	20050197677	11097999	APPARATUS AND PROCESS FOR REDUCING THE SUSCEPTABILITY OF ACTIVE IMPLANTABLE MEDICAL DEVICES TO MEDICAL PROCEDURES SUCH AS MAGNETIC RESONANCE IMAGING
7754111		11811556	METHOD OF MAKING SILVER VANADIUM

			OXYFLUORIDES FOR NONAQUEOUS LITHIUM ELECTROCHEMICAL CELLS
7751903	20100023000	12489921	FREQUENCY SELECTIVE PASSIVE COMPONENT NETWORKS FOR IMPLANTABLE LEADS OF ACTIVE IMPLANTABLE MEDICAL DEVICES UTILIZING AN ENERGY DISSIPATING SURFACE
7751893	20060047321	11164150	ONE PIECE HEADER ASSEMBLY FOR AN IMPLANTABLE MEDICAL DEVICE
7749651	20070122697	11164508	TERMINAL CONNECTOR FOR CONNECTING AN ELECTROCHEMICAL CELL TO A MEDICAL DEVICE
7736802		11163782	ELECTROCHEMICAL CELL CURRENT COLLECTOR COMPRISING SOLID AREA FOR COATED FILM MEASUREMENTS
7729781	20070219608	11686322	HIGH EFFICIENCY NEUROSTIMULATION LEAD
7727372	20060196774	11164751	ANODIZING VALVE METALS BY SELF- ADJUSTED CURRENT AND POWER
7722992		11420880	SELF-CENTERING CURRENT COLLECTOR FOR AN ELECTROCHEMICAL CELL
7722787	20020064497	9757519	METAL VANADIUM OXIDE PARTICLES

7718310		11552156	ELECTROCHEMICAL CELL HAVING A GALAXY WIND DESIGN
7715923	20070149048	11682400	CONNECTION FOR A COILED LEAD TO AN ELECTRICAL CONTACT FOR AN IMPLANTABLE MEDICAL DEVICE
7710713	20080068779	11858176	FLAT SEALING OF ANODE/SEPARATOR ASSEMBLY FOR USE IN CAPACITORS
7709158		11612148	GUANIDINE DERIVATIVES AS CATIONS FOR AMBIENT TEMPERATURE MOLTEN SALTS IN ELECTROCHEMICAL POWER SOURCES
7702398	20070173115	11682398	CONNECTION FOR A COILED LEAD TO AN ELECTRICAL CONTACT FOR AN IMPLANTABLE MEDICAL DEVICE
7702387	20080161886	11838035	TANK FILTERS ADAPTABLE FOR PLACEMENT WITH A GUIDE WIRE, IN SERIES WITH THE LEAD WIRES OR CIRCUITS OF ACTIVE MEDICAL DEVICES TO ENHANCE MRI COMPATIBILITY
7689288	20100016936	12574147	FREQUENCY SELECTIVE PASSIVE COMPONENT NETWORKS FOR IMPLANTABLE LEADS OF ACTIVE IMPLANTABLE MEDICAL DEVICES UTILIZING AN ENERGY DISSIPATING SURFACE
7688596		11737445	ELECTROCHEMICAL CELL SUPPORTING A PROTECTIVE HOUSING

			FOR ELECTRICAL COMPONENTS
7678074	20090137953	12364391	DEFLECTABLE CATHETER STEERING AND LOCKING SYSTEM
7646170	20070262751	11382744	METHOD OF SELECTING REPLACEMENT INDICATING VOLTAGE FOR AN IMPLANTABLE ELECTROCHEMICAL CELL
7645538		11209150	FILL PLUG FOR ELECTROCHEMICAL CELL
7640064	20070055332	11162265	SELF FIXING SPINAL CORD STIMULATION LEAD AND DELIVERY SYSTEM
7630768		11538455	ONE-PIECE HEADER ASSEMBLY FOR AN IMPLANTABLE MEDICAL DEVICE AND METHODS FOR MAKING SAME
7623336	20070279834	11756038	FEEDTHROUGH CAPACITOR HAVING REDUCED SELF RESONANCE INSERTION LOSS DIP
7623335	20060259093	11308662	HERMETIC FEEDTHROUGH TERMINAL ASSEMBLY WITH WIRE BOND PADS FOR HUMAN IMPLANT APPLICATIONS
7615044	20070260223	11381421	DEFLECTABLE SHEATH HANDLE ASSEMBLY AND METHOD THEREFOR
7615010		10677694	SYSTEM FOR MONITORING THE PHYSIOLOGIC PARAMETERS OF PATIENTS WITH

			CONGESTIVE HEART FAILURE
7611805	20070117021	11214635	LITHIUM/FLUORINATED CARBON (LI/CFX) ELECTROCHEMICAL CELL
7592097	20050238953	10832195	ELECTROCHEMICAL CELL DESIGNS WITH ANODE PLATES AND CONNECTIONS WHICH FACILITATE HEAT DISSIPATION
7586292		11279274	LOW VOLTAGE CUTOFF CIRCUIT FOR AN ELECTROCHEMICAL CELL
7572551		11274651	ELECTRODE ACTIVE BLANKS AND METHODS OF MAKING
7569452	20070053137	11470018	SCREEN-PRINTED FILTER CAPACITORS FOR FILTERED FEEDTHROUGHS
7564674	20070134985	11609486	FEEDTHROUGH FILTER CAPACITOR ASSEMBLIES HAVING LOW COST TERMINAL PINS
7553305	20070005008	11149079	PUSH-PULL WIRE ANCHOR
7551963	20060173506	11160712	APPARATUS TO IMPROVE THE HIGH VOLTAGE FLASHOVER CHARACTERISTICS OF EMI FEEDTHROUGH FILTERS USED IN ACTIVE IMPLANTABLE MEDICAL DEVICES
7544197	20050004644	10840668	ROTATABLE LEAD INTRODUCER
7535693	20070019362	11535343	EMI FILTERS DESIGNED FOR DIRECT BODY FLUID EXPOSURE
7531274		11467664	SANDWICH ELECTRODE DESIGN HAVING RELATIVELY

			THIN CURRENT COLLECTORS
7497853	20060264819	11122779	DEFLECTABLE CATHETER STEERING AND LOCKING SYSTEM
7493167	20060217792	11163848	MAGNETICALLY SHIELDED AIMD HOUSING WITH WINDOW FOR MAGNETICALLY ACTUATED SWITCH
7489495	20060085043	11163845	APPARATUS AND PROCESS FOR REDUCING THE SUSCEPTIBILITY OF ACTIVE IMPLANTABLE MEDICAL DEVICES TO MEDICAL PROCEDURES SUCH AS MAGNETIC RESONANCE IMAGING
7483260	20080151474	11615410	DUAL ANODE CAPACITOR WITH INTERNALLY CONNECTED ANODES
7482093		11007974	INSULATOR DESIGN TO PREVENT LITHIUM CLUSTER BRIDGING
7465521	20060121354	11007534	NICKEL-BASED ALLOYS AS POSITIVE ELECTRODE SUPPORT MATERIALS IN ELECTROCHEMICAL CELLS CONTAINING NONAQUEOUS ELECTROLYTES
7432001		11007933	PREVENTION OF LITHIUM DEPOSITION IN NONAQUEOUS ELECTROLYTE CELLS BY ELECTROLYTE-TO-CATHODE WEIGHT RATIO
7422826	20050227150	10819511	IN SITU THERMAL POLYMERIZATION METHOD FOR MAKING GEL POLYMER

			LITHIUM ION RECHARGEABLE ELECTROCHEMICAL CELLS
7410509	20060198082	11306907	SPUTTERED RUTHENIUM OXIDE COATINGS IN ELECTROLYTIC CAPACITOR
7389695	20070157734	11381420	WIRELESS FLUID PRESSURE SENSOR
7383090	20050085884	10968310	CONNECTION FOR A COILED LEAD TO AN ELECTRICAL CONTACT FOR AN IMPLANTABLE MEDICAL DEVICE
7375496	20040036448	10646216	DISCHARGE METHODOLOGIES FOR LITHIUM/SILVER VANADIUM OXIDE CELLS TO MANAGE VOLTAGE DELAY AND PERMANENT RDC GROWTH REGION
7363090	20070288058	11743000	BAND STOP FILTER EMPLOYING A CAPACITOR AND AN INDUCTOR TANK CIRCUIT TO ENHANCE MRI COMPATIBILITY OF ACTIVE IMPLANTABLE MEDICAL DEVICES
7327553	20060023397	11161198	FEEDTHROUGH CAPACITOR FILTER ASSEMBLIES WITH LAMINAR FLOW DELAMINATIONS FOR HELIUM LEAK DETECTION
7314685	20040131943	10680698	OXIDIZED TITANIUM AS A CATHODIC CURRENT COLLECTOR
7310216	20050248907	11182289	EMI FILTER TERMINAL ASSEMBLY WITH WIRE BOND PADS FOR

			HUMAN IMPLANT APPLICATIONS
7286336	20050254199	11128849	PLASMA TREATMENT OF ANODIC OXIDES FOR ELECTROLYTIC CAPACITORS
7273674		10788823	PRIMARY ELECTROCHEMICAL CELL HAVING SCALLOPED ELECTRODES
7271994	20060279906	11422714	ENERGY DENSE ELECTROLYTIC CAPACITOR
7263449		11015991	METHOD FOR DETERMINING POOR PERFORMING CELLS
7252797	20050064290	10669080	PROCESS FOR FABRICATION OF LOW BASIS WEIGHT ELECTRODE ACTIVE BLANKS
7244279	20060198081	11306272	USE OF POLY(ALKYLENE) CARBONATES IN THE MANUFACTURE OF VALVE METAL ANODES FOR ELECTROLYTIC CAPACITORS
7199995	20070035910	11386161	FEEDTHROUGH FILTER CAPACITOR ASSEMBLY WITH INTERNALLY GROUNDED HERMETIC INSULATOR
7194315		10918858	COATED ELECTRODE AND METHOD OF MAKING A COATED ELECTRODE
7186049		10916166	PIN TO THIN PLATE JOINT AND METHOD FOR MAKING THE JOINT
7171267	20040098058	10633942	REFORMING WET-TANTALUM CAPACITORS IN IMPLANTABLE

			DEFIBRILLATORS AND OTHER MEDICAL DEVICES
7168142	20050055820	10936755	METHOD OF MANUFACTURING A SHAPED TITANIUM ARTICLE
7167749	20040093038	10701849	ONE PIECE HEADER ASSEMBLY FOR AN IMPLANTABLE MEDICAL DEVICE
7162308	20050075708	10719632	NANOTUBE COATINGS FOR IMPLANTABLE ELECTRODES
D612044		29330433	CATHETER HANDLE
D589143		29278566	DILATOR APPARATUS
D579569		29267804	MEDICAL HOUSING
D579568		29267744	MEDICAL HOUSING
D575628		29269706	KEY FOR AN IMPLANTABLE MEDICAL DEVICE ACTIVATOR
D573256		29278565	INTRODUCER APPARATUS
D536453		29260393	BONE PLATE