
MEDTRONIC,INC. Patents

Matching "'MEDTRONIC,INC.'" by Owner.

IPMonitor
Patents

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Alerts

"MEDTRONIC,INC."

262 results matching "'MEDTRONIC,INC.'" by Owner.

| Number | Title | Owner |
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| 2002303589 | TRANSCUTANEOUS MONITOR AND METHOD OF USE, USING THERAPEUTIC OUTPUT FROM AN IMPLANTED MEDICAL DEVICE | MEDTRONIC,INC. |
| 2002303276 | SYSTEM FOR THE PRODUCTION OF AUTOLOGOUS PLATELET GEL | MEDTRONIC, INC. |
| 2002303522 | METHOD AND SYSTEM FOR ORGAN POSITIONING AND STABLIZATION | MEDTRONIC, INC. |
| 2002303677 | SURGICAL TRIMMING TOOL AND TOOL FOR TENSIONING A CRANIALFLAP CLAMP | MEDTRONIC, INC. |
| 2002305313 | IMPLANTABLE MEDICAL DEVICE AND PATCH SYSTEM AND METHOD OF USE | MEDTRONIC,INC. |
| 2002305157 | FLEXIBLE CENTRIFUGE BAG AND METHODS OF USE | MEDTRONIC, INC. |
| 2002305374 | STIMULATION APPARATUS | MEDTRONIC, INC. |
| 2002307138 | MICRONCENTRIFUGE AND DRIVE THEREFOR | MEDTRONIC, INC. |
| 2002308550 | SURGICAL INSTRUMENT AND ATTACHMENT | MEDTRONIC, INC. |
| 2002312064 | IMPLANTABLE MEDICAL DEVICE WITH CONTROLLABLE GASEOUS AGENT RELEASE SYSTEM | MEDTRONIC, INC. |
| 2002315484 | LUBRICATION CARTRIDGE FOR A PNEUMATICALLY POWERED SURGICAL INSTRUMENT | MEDTRONIC, INC. D/B/A MEDTRONIC MIDAS REX |
| 2002316047 | RADIOFREQUENCY ABLATION SYSTEM AND METHOD OF USE | MEDTRONIC, INC. |
| 2002234121 | DRUG MANAGEMENT TECHNIQUES FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2002241719 | THERAPY MANAGEMENT TECHNIQUES FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2002243347 | NON-CONFORMANCE MONITORING AND CONTROL TECHNIQUES FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2002329973 | BLOOD CENTRIFUGE WITH EXTERIOR MOUNTED, SELF-BALANCING COLLECTION CHAMBERS | MEDTRONIC,INC. |
| 2002245154 | PATIENT SCHEDULING TECHNIQUES FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2002246701 | POLYMERIC MATERIALS WITH IMPROVED DIELECTRIC BREAKDOWN STRENGTH | MEDTRONIC, INC. |
| 2002248312 | IMPLANTABLE MEDICAL DEVICE WITH SENSOR | MEDTRONIC, INC. |
| 2002332800 | Implantable medical device for treating cardiac mechanical dysfunction by electrical stimulation | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|---|-----------------|
| 2002242153 | IMPLANTABLE THERAPY DELIVERY ELEMENT ADJUSTABLE ANCHOR | MEDTRONIC, INC. |
| 2002251819 | METHOD FOR COATING MEDICAL DEVICE SURFACES | MEDTRONIC, INC. |
| 2002342006 | IMPLANTABLE NEUROLOGICAL LEAD WITH LOW POLARIZATION ELECTRODE | MEDTRONIC, INC. |
| 2002341931 | PATIENT DIRECTED THERAPY MANAGEMENT | MEDTRONIC, INC. |
| 2002346061 | APPARATUS AND METHOD FOR CREATING, MAINTAINING, AND CONTROLLING A VIRTUAL ELECTRODE USED FOR THE ABLATION OF TISSUE | MEDTRONIC, INC. |
| 2002247272 | STIMULATION FOR DELIVERY OF MOLECULAR THERAPY | MEDTRONIC, INC. |
| 2002250255 | LEAD WITH ADJUSTABLE ANGULAR AND SPATIAL RELATIONSHIPS BETWEEN ELECTRODES | MEDTRONIC, INC. |
| 2002351284 | METHOD AND APPARATUS FOR RADIOFREQUENCY TISSUE ABLATION | MEDTRONIC, INC. |
| 2002247107 | IMPLANTABLE THERAPEUTIC SUBSTANCE INFUSION DEVICE WITH ACTIVE LONGEVITY PROJECTION | MEDTRONIC, INC. |
| 2002254266 | CLOSED LOOP DRUG DELIVERY SYSTEM AND REMOTE MANAGEMENT THEREOF | MEDTRONIC, INC. |
| 2002254324 | SURGICAL ROTARY CUTTING INSTRUMENT WITH QUICK RELEASE COUPLING | MEDTRONIC, INC. |
| 2002357310 | MEDICAL LEAD AND LEAD CONNECTOR SYSTEM | MEDTRONIC, INC. |
| 2002357351 | IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANUFACTURING THE SAME | MEDTRONIC, INC. |
| 2002357893 | MEDICAL LEAD ADAPTOR ASSEMBLY WITH RETAINER | MEDTRONIC, INC. |
| 2002359765 | CONNECTION SYSTEM FOR A MULTI-POLAR LEAD | MEDTRONIC, INC. |
| 2002360671 | RHYTHM-BASED TRANSITION TO DISCRIMINATORY ARRHYTHMIA CLASSIFICATION | MEDTRONIC, INC. |
| 2002357808 | METHOD AND SYSTEM FOR TREATMENT OF ATRIAL TACHYARRHYTHMIAS | MEDTRONIC, INC. |
| 2002359388 | COMPOUNDS CONTAINING QUATERNARY CARBONS, MEDICAL DEVICES, AND METHODS | MEDTRONIC, INC. |
| 2002256086 | METHODS OF ISOLATING BLOOD COMPONENTS USING A MICROCENTRIFUGE AND USES THEREOF | MEDTRONIC, INC. |
| 2002362082 | APPARATUS AND METHOD FOR PERFORMING SURGERY ON A PATIENT | MEDTRONIC, INC. |
| 2003202924 | VARIATION OF NEURAL-STIMULATION PARAMETERS | MEDTRONIC, INC. |
| 2003202992 | SYSTEM AND METHOD OF PERFORMING AN ELECTROSURGICAL PROCEDURE | MEDTRONIC, INC. |
| 2002217908 | IMPLANTABLE THERAPEUTIC SUBSTANCE DELIVERY DEVICE HAVING A PISTON PUMP WITH AN ANTICAVITATION VALVE | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|---|-------------------------------|
| 2002240333 | LOW PROFILE INLET VALVE FOR A PISTON PUMP THERAPEUTIC SUBSTANCE DELIVERY DEVICE | MEDTRONIC, INC. |
| 2002243372 | IMPLANTABLE MEDICAL DEVICE WITH RECHARGEABLE THIN-FILM MICROBATTERY POWER SOURCE | MEDTRONIC, INC. |
| 2002243950 | CONTROL OF EXTERNALLY INDUCED CURRENT IN AN IMPLANTABLE PULSE GENERATOR | MEDTRONIC, INC. |
| 2002246531 | PERMANENT MAGNET SOLENOID PUMP FOR AN IMPLANTABLE THERAPEUTIC SUBSTANCE DELIVERY DEVICE | MEDTRONIC, INC. |
| 2002242151 | LOW IMPEDANCE IMPLANTABLE EXTENSION FOR A NEUROLOGICAL ELECTRICAL STIMULATOR | MEDTRONIC, INC. |
| 2002237762 | DELIVERY CATHETER WITH MICROPOROUS MEMBRANE TO TREAT BRAIN AND OTHER TUMORS | MEDTRONIC, INC. |
| 2002241815 | METHOD AND APPARATUS FOR FIXATION OF AN IMPLANTABLE STIMULATION LEAD | MEDTRONIC, INC. |
| 2002239979 | METHOD AND APPARATUS FOR PROGRAMMING AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003207543 | OPERATIONAL AMPLIFIER HAVING IMPROVED INPUT OFFSET PERFORMANCE | MEDTRONIC, INC. |
| 2002364744 | AUTOMATIC RATE RESPONSIVE SENSOR MODE SWITCH | MEDTRONIC, INC. |
| 2003205074 | ELONGATED MEDICAL INSTRUMENT | MEDTRONIC, INC. |
| 2003209091 | OCCLUDING AND STABILIZING MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003209171 | NEUROSTIMULATION LEAD STYLET HANDLE | MEDTRONIC, INC. |
| 2002255999 | MULTIPLEXED ELECTRODE ARRAY EXTENSION | MEDTRONIC, INC. |
| 2003213739 | FLEXIBLE ANNULOPLASTY PROSTHESIS AND HOLDER | MEDTRONIC, INC. |
| 2003214191 | IMPLANTABLE MEDICAL DEVICE STREAM PROCESSOR | MEDTRONIC, INC. |
| 2003214196 | OPTICAL COMMUNICATION OF NEUROSTIMULATION-SYSTEM INFORMATION | MEDTRONIC, INC. |
| 2003218054 | AUTOMATED IMPEDANCE MEASUREMENT OF AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003220194 | HEART VALVE FIXATION PROCESS AND APPARATUS | MEDTRONIC, INC. |
| 2003220312 | PATIENT CONTROLLED ACTIVATION WITH IMPLANTABLE DRUG DELIVERY DEVICES | MEDTRONIC, INC. |
| 2003220359 | ELECTROCHEMICAL CELL WITH REDUCED HEIGHT FILLPORT | MEDTRONIC, INC. |
| 2003220507 | PROGRAMMABLE WAVEFORM PULSES FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003220543 | RECHARGE DELAY FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003231143 | IMPROVED SURGICAL LEAD PADDLE | RACZ, Gabor ; MEDTRONIC, Inc. |

| Number | Title | Owner |
|-----------------------------|---|--|
| 20032365890 | TECHNIQUES FOR TREATING NEURODEGENERATIVE DISORDERS BY BRAIN INFUSION OF MUTATIONAL VECTORS | MEDTRONIC, INC. ; REGENTS OF THE UNIVERSITY OF MINNESOTA |
| 2003228287 | AMPLITUDE RAMPING OF WAVEFORMS GENERATED BY AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003228462 | MULTIPOINT NEUROLOGICAL SCREENING CABLE | MEDTRONIC, INC. |
| 2003230618 | DEVICE TELEMETRY MODULE WITH CONFIGURABLE PHYSICAL LAYER FOR USE WITH AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003230631 | APPARATUS FOR TEMPORARILY ENGAGING BODY TISSUE | MEDTRONIC, INC. |
| 2003231011 | INDEPENDENT THERAPY PROGRAMS IN AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003231087 | CAPTURE MANAGEMENT IN MULTISITE PACING | MEDTRONIC, INC. |
| 2003221737 | VENTRICULAR RATE STABILIZATION | MEDTRONIC, INC. |
| 2003221818 | IMPLANTABLE MEDICAL CATHETER HAVING REINFORCED SILICONE ELASTOMER COMPOSITION | MEDTRONIC, INC. |
| 2003222067 | SYSTEM FOR DELIVERY OF THERAPEUTIC SUBSTANCES | MEDTRONIC, INC. |
| 2003222175 | SYSTEM, METHOD AND APPARATUS FOR REGULATING VACUUM SUPPLIED TO SURGICAL TOOLS | MEDTRONIC, INC. |
| 2003222633 | IMPLANTABLE INFUSION DEVICE WITH OPTIMIZED PERISTALTIC PUMP MOTOR DRIVE | MEDTRONIC, INC. |
| 2003222651 | Detection of possible failure of capacitive elements in an implantable medical device | Medtronic, Inc. |
| 2003222652 | INSULIN-MEDICATED GLUCOSE UPTAKE MONITOR | MEDTRONIC, INC. |
| 2003222663 | CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND/OR V1-V2 INTERVALS | MEDTRONIC, INC. |
| 2003222665 | CARDIAC RESYNCHRONISATION WITH ADAPTIVE A1-A2 AND/OR V1-V2 INTERVALS | MEDTRONIC, INC. |
| 2003222666 | IMPLANTABLE DRUG DELIVERY SYSTEM RESPONSIVE TO INTRACARDIAC PRESSURE | MEDTRONIC, INC. |
| 2003223230 | CURRENT-TO-VOLTAGE CONVERTER | MEDTRONIC, INC. |
| 2003223678 | IMPLANTABLE LEAD WITH COPLANAR CONTACT COUPLING | MEDTRONIC, INC. |
| 2003223679 | IMPLANTABLE LEAD WITH IMPROVED DISTAL TIP | MEDTRONIC, INC. |
| 2003223706 | VENTRICULAR SAFETY PACING IN BIVENTRICULAR PACING | MEDTRONIC, INC. |
| 2003224659 | DATA MANAGEMENT OF PATIENT MEDICAL INFORMATION FOR USE WITH AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003224993 | ELECTRICAL STIMULATION AND THROMBOLYTIC THERAPY | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|---|-----------------|
| 2003225064 | SEAMLESS COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE SYSTEM | MEDTRONIC, INC. |
| 2003225106 | IMPLANTABLE LEAD WITH ISOLATED CONTACT COUPLING | MEDTRONIC, INC. |
| 2003225707 | TELEMETRY MODULE WITH CONFIGURABLE DATA LAYER FOR USE WITH AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003225841 | IMPLANTABLE MEDICAL DEVICE FAST MEDIAN FILTER | MEDTRONIC, INC. |
| 2003226028 | AUTOMATIC WAVEFORM OUTPUT ADJUSTMENT FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2002366813 | CARDIAC PACING METHOD AND SYSTEM | MEDTRONIC, INC. |
| 2003233546 | IMPLANTABLE INFUSION DEVICE WITH MOTOR CONNECTION AND SEAL SYSTEM | MEDTRONIC, INC. |
| 2003234193 | ULTRASOUND METHODS AND IMPLANTABLE MEDICAL DEVICES USING SAME | MEDTRONIC, INC. |
| 2002367599 | IMD LEAD STATUS MONITOR METHOD AND SYSTEM | MEDTRONIC, INC. |
| 2003239814 | IMPLANTABLE MEDICAL DEVICE INCLUDING A SURFACE-MOUNT TERMINAL ARRAY | MEDTRONIC, INC. |
| 2003237443 | SURGICAL TOOL FOR ENGAGEMENT OF BODY TISSUE | MEDTRONIC, INC. |
| 2003239794 | FLUID-ASSISTED ELECTROSURGICAL INSTRUMENT WITH SHAPEABLE ELECTRODE | MEDTRONIC, INC. |
| 2003243520 | CENTRIFUGE SYSTEM UTILIZING DISPOSABLE COMPONENTS AND AUTOMATED PROCESSING OF BLOOD TO COLLECT PLATELET RICH PLASMA | MEDTRONIC, INC. |
| 2002220258 | METHOD AND SYSTEM FOR MYOCARDIAL INFARCTION REPAIR | MEDTRONIC, INC. |
| 2003244368 | METHOD AND APPARATUS FOR DETECTING FAULTS ON INTEGRATED CIRCUITS | MEDTRONIC, INC. |
| 2003247674 | SUTURING RING FOR IMPLANTABLE HEART VALVE PROSTHESES | MEDTRONIC, INC. |
| 2003251506 | MULTIPLE RATIO FLUID DISPENSER | MEDTRONIC, INC. |
| 2003253596 | WAVE SHAPING FOR AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003258230 | MEDICAL DEVICE EXHIBITING IMPROVED ADHESION BETWEEN POLYMERIC COATING AND SUBSTRATE | MEDTRONIC, INC. |
| 2003258205 | ACTIVE AGENT DELIVERY SYSTEM INCLUDING A HYDROPHOBIC CELLULOSE DERIVATE | MEDTRONIC, INC. |
| 2003258206 | ACTIVE AGENT DELIVERY SYSTEM INCLUDING A POLYURETHANE, MEDICAL DEVICE, AND METHOD | MEDTRONIC, INC. |
| 2003258209 | ACTIVE AGENT DELIVERY SYSTEMS, MEDICAL DEVICES, AND METHODS | MEDTRONIC, INC. |
| 2003262385 | ATRIOVENTRICULAR DELAY ADJUSTMENT | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|--|-----------------|
| 2003262674 | ACTIVE AGENT DELIVERY SYSTEM INCLUDING A POLY(ETHYLENE-CO-(METH)ACRYL ATE), MEDICAL DEVICE, AND METHOD | MEDTRONIC, INC. |
| 2003263000 | CATHETER ANCHOR SYSTEM | MEDTRONIC, INC. |
| 2003263035 | VOLTAGE/CURRENT REGULATOR FOR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003265446 | ACTIVE AGENT DELIVERY SYSTEM INCLUDING A HYDROPHILIC POLYMER, MEDICAL DEVICE, AND METHOD | MEDTRONIC, INC. |
| 2003270704 | POLYMERS WITH SOFT SEGMENTS CONTAINING SILANE-CONTAINING GROUPS, MEDICAL DEVICES, AND METHODS | MEDTRONIC, INC. |
| 2003270705 | COMPOUNDS CONTAINING SILICON-CONTAINING GROUPS, MEDICAL DEVICES, AND METHODS | MEDTRONIC, INC. |
| 2003272713 | A METHOD FOR TREATING SEVERE TINNITUS | MEDTRONIC, INC. |
| 2003273131 | Cell delivery fluid for prevention of cell settling in delivery system | Medtronic, Inc. |
| 2003273331 | COMPOUNDS CONTAINING QUATERNARY CARBONS AND SILICONCONTAINING GROUPS, MEDICAL DEVICES, AND METHODS. | MEDTRONIC, INC. |
| 2003279176 | FLEXIBLE ANNULOPLASTY PROSTHESIS AND HOLDER | MEDTRONIC, INC. |
| 2003285078 | DISTRIBUTED SYSTEM FOR NEUROSTIMULATION THERAPY PROGRAMMING | MEDTRONIC, INC. |
| 2003285079 | NEUROSTIMULATION THERAPY MANIPULATION | MEDTRONIC, INC. |
| 2003285925 | DRUG INFUSION SYSTEM PROGRAMMABLE IN FLEX MODE | MEDTRONIC, INC. |
| 2003286568 | DRUG INFUSION SYSTEM WITH MULTIPLE MEDICATIONS | MEDTRONIC, INC. |
| 2003286590 | MEDICAL LEAD SYSTEM WITH FLAT ELECTRODE PADDLE | MEDTRONIC, INC. |
| 2003286860 | METHOD OF AUTOMATIC EVOKED RESPONSE SENSING VECTOR SELECTION USING EVOKED RESPONSE WAVEFORM ANALYSIS | MEDTRONIC, INC. |
| 2003287185 | MEDICAL LEAD WITH FLAT ELECTRODE PADDLE FOR THE LIGAMENTUM FLAVUM | MEDTRONIC, INC. |
| 2003287205 | METHODS AND APPARATUS FOR ACCESSING AND STABILIZING AN AREA OF THE HEART | MEDTRONIC, INC. |
| 2003288959 | BODY REGION INDICATION | MEDTRONIC, INC. |
| 2003288960 | IMPLANTABLE NEUROSTIMULATOR PROGRAMMING WITH BATTERY LONGEVITY INDICATION | MEDTRONIC, INC. |
| 2003288961 | FAILSAFE PROGRAMMING OF IMPLANTABLE MEDICAL DEVICES | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|--|-----------------|
| 2003285872 | CYCLE MODE PROVIDING REDUNDANT BACK-UP TO ENSURE TERMINATION OF TREATMENT THERAPY IN A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003285888 | MEDICAL DEVICE SYSTEM WITH RELAYING MODULE FOR TREATMENT OF NERVOUS SYSTEM DISORDERS | MEDTRONIC INC. |
| 2003285889 | CONTROL OF TREATMENT THERAPY DURING START-UP AND DURING OPERATION OF A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003285895 | CLUSTERING OF RECORDED PATIENT NEUROLOGICAL ACTIVITY TO DETERMINE LENGTH OF A NEUROLOGICAL EVENT | MEDTRONIC INC. |
| 2003286445 | MEDICAL DEVICE SYSTEM WITH RELAYING MODULE FOR TREATMENT OF NERVOUS SYSTEM DISORDERS | MEDTRONIC INC. |
| 2003286451 | SIGNAL QUALITY MONITORING AND CONTROL FOR A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003286454 | CONTROL OF TREATMENT THERAPY DURING START-UP AND DURING OPERATION OF A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003287159 | SYNCHRONIZATION AND CALIBRATION OF CLOCKS FOR A MEDICAL DEVICE AND CALIBRATED CLOCK | MEDTRONIC INC. |
| 2003287162 | CONFIGURING AND TESTING TREATMENT THERAPY PARAMETERS FOR A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003287166 | PHASE SHIFTING OF NEUROLOGICAL SIGNALS IN A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003291353 | SUCTION-ASSISTED TISSUE ENGAGEMENT THROUGH A MINIMALLY INVASIVE INCISION | MEDTRONIC, INC. |
| 2003291644 | SIGNAL QUALITY MONITORING AND CONTROL FOR A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003293035 | TREATMENT OF NEURODEGENERATIVE DISEASE THROUGH INTRACRANIAL DELIVERY OF SIRNA | MEDTRONIC, INC. |
| 2003293454 | COUPLING MODULE OF A MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003294595 | MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003294596 | LEAD CONNECTION MODULE OF A MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003295351 | CYCLE MODE PROVIDING REDUNDANT BACK-UP TO ENSURE TERMINATION OF TREATMENT THERAPY IN A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003296340 | CONCAVITY OF AN IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003297723 | REDUCING RELATIVE INTERMODULE MOTION IN A MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |

| Number | Title | Owner |
|----------------------------|--|-----------------|
| 2003297724 | LOW-PROFILE IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003297725 | OVERMOLD FOR A MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003297735 | MODULAR IMPLANTABLE MEDICAL DEVICE | MEDTRONIC, INC. |
| 2003298618 | HUMAN-IMPLANTABLE-NEUROSTIMULATOR USER INTERFACE HAVING MULTIPLE LEVELS OF ABSTRACTION | MEDTRONIC, INC. |
| 2003298830 | DISCRIMINATING POLYMORPHIC FROM MONOMORPHIC TACHYARRHYTHMIAS | MEDTRONIC, INC. |
| 2003298851 | METHOD AND APPARATUS FOR DETECTING CHANGE IN INTRATHORACIC ELECTRICAL IMPEDANCE | MEDTRONIC, INC. |
| 2003299083 | A METHOD FOR TREATING SEVERE TINNITUS | MEDTRONIC, INC. |
| 2003299741 | STEERABLE CATHETER | MEDTRONIC, INC. |
| 2003299890 | IMPLANTABLE DRUG DELIVERY SYSTEMS AND METHODS | MEDTRONIC, INC. |
| 2003299891 | DRUG SOLUTION DENSITY ADJUSTMENT SYSTEMS AND METHODS | MEDTRONIC, INC. |
| 2003300042 | METHOD AND SYSTEM FOR TREATING DEPRESSIVE AND ANXIETY DISORDERS | MEDTRONIC, INC. |
| 2003301255 | SCREENING TECHNIQUES FOR MANAGEMENT OF A NERVOUS SYSTEM DISORDER | MEDTRONIC INC. |
| 2003301256 | TIMED DELAY FOR REDELIVERY OF TREATMENT THERAPY FOR A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003301368 | SCORING OF SENSED NEUROLOGICAL SIGNALS FOR USE WITH A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003301370 | MULTI-MODAL OPERATION OF A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003301481 | CHANNEL-SELECTIVE BLANKING FOR A MEDICAL DEVICE SYSTEM | MEDTRONIC INC. |
| 2003301818 | METHOD AND DEVICE FOR APPLYING FILTER INFORMATION TO IDENTIFY COMBINATIONS OF ELECTRODES | MEDTRONIC, INC. |
| 2001215860 | Method and system for myocardial infarction repair | Medtronic, Inc. |
| 2003303386 | PERMEABLE MEMBRANE CATHETERS, SYSTEMS, AND METHODS | MEDTRONIC, INC. |
| 2003303387 | MULTIPLE INFUSION SECTION CATHETERS, SYSTEMS, AND METHODS | MEDTRONIC, INC. |
| 2003304495 | DEVICE AND METHOD FOR ABLATION OF CARDIAC TISSUE | MEDTRONIC, INC. |
| 2004213021 | Occlusion resistant hydrocephalic shunt | Medtronic, Inc. |
| 2004218488 | Method and apparatus for optimizing cardiac resynchronization therapy based on left ventricular acceleration | Medtronic Inc. |
| 2004218510 | Method and apparatus for assessing left ventricular function and optimizing cardiac pacing intervals based on left ventricular wall motion | Medtronic Inc. |

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| 2003304711 | Paddle-type medical lead with radiopaque orientation marker | Medtronic, Inc. |
| 2005223668 | Methods and systems for treatment of neurological diseases of the central nervous system | Medtronic, Inc. |
| 2004298982 | Antimicrobial protection for implantable medical device | Medtronic, Inc. |
| 2004268019 | Implantable biosensor devices for monitoring cardiac marker molecules | Medtronic, Inc. |
| 2001286932 | System and method for attaching upper and lower outer cases in an implantable drug pump | Medtronic, Inc. |
| 2004278725 | Controlling telemetry during magnetic resonance imaging | Medtronic, Inc. |
| 2004278743 | Timing of MRI data acquisition involving implantable medical devices | Medtronic, Inc. |
| 2004279367 | Controlling blanking during magnetic resonance imaging | Medtronic, Inc. |
| 2004279285 | Automatic therapy adjustments | Medtronic, Inc. |
| 2004279434 | Multiple pacing output channels | Medtronic, Inc. |
| 2004280239 | Refractory period tracking and arrhythmia detection | Medtronic, Inc. |
| 2004280244 | Method and apparatus for controlling extra-systolic stimulation (ESS) therapy using ischemia detection | Medtronic, Inc. |
| 2004281646 | External power source for an implantable medical device having an adjustable magnetic core and system and method related therefore | Medtronic, Inc. |
| 2004283654 | Driver circuitry switchable between energy transfer and telemetry for an implantable medical device | Medtronic, Inc. |
| 2004283661 | Inductively rechargeable external energy source, charger, system and method for an implantable medical device | Medtronic, Inc. |
| 2004287458 | Implantable electroporation therapy device and method for using same | Medtronic, Inc. |
| 2004279409 | Cardiac pacing modality having improved blanking, timing, and therapy delivery methods for extra-systolic stimulation pacing therapy | Medtronic, Inc. |
| 2004280237 | Extra-systolic stimulation therapy delivery and sensing via different electrode sets | Medtronic, Inc. |
| 2004280246 | Secure and efficacious therapy delivery for an extra-systolic stimulation pacing engine | Medtronic, Inc. |
| 2004281639 | External power source, charger and system for an implantable medical device having thermal characteristics and method therefore | Medtronic, Inc. |
| 2004281793 | Method and apparatus for monitoring tissue fluid content for use in an implantable cardiac device | Medtronic, Inc. |
| 2004284912 | Process for producing injectable gabapentin compositions | Medtronic, Inc. |
| 2004283720 | Techniques to treat neurological disorders by attenuating the production of pro-inflammatory mediators | Medtronic, Inc. |
| 2002368545 | Field stimulation about a discontinuity of the myocardium to capture the heart at reduced pacing thresholds | Medtronic, Inc. |
| 2004290583 | Implantable heart valve prosthetic devices having intrinsically conductive polymers | Medtronic, Inc. |

| Number | Title | Owner |
|----------------------------|---|---|
| 2004298981 | Surgical connection apparatus and methods | Medtronic, Inc. |
| 2005204649 | Bileaflet prosthetic valve and method of manufacture | Medtronic, Inc. |
| 2005229011 | Methods and apparatus providing suction-assisted tissue engagement | Medtronic, Inc. |
| 2005248389 | Treatment of neurodegenerative disease through intracranial delivery of siRNA | Medtronic, Inc. |
| 2005248772 | Point of care heparin determination system | Medtronic, Inc. |
| 2005244868 | Method and devices for treating atrial fibrillation by mass ablation | Medtronic, Inc. |
| 2005245432 | Methods of using high intensity focused ultrasound to form an ablated tissue area | Medtronic, Inc. |
| 2005271858 | Multi-polar feedthrough array for analog and/or digital communication with implantable medical device circuitry | Medtronic, Inc. |
| 2005267121 | Therapy programming guidance based on stored programming history | Medtronic, Inc. |
| 2005295376 | Self-fixating implantable scaffolds for the administration of biological or pharmaceutical substances | Medtronic, Inc. |
| 2005295720 | Cellular and genetic intervention to treat ventricular tachycardia | Medtronic, Inc. |
| 2006226818 | Modification of thermoplastic polymers | Medtronic, Inc. |
| 2006272866 | Miniature pump for drug delivery | Medtronic, Inc. |
| 2006295080 | Composite heart valve apparatus manufactured using techniques involving laser machining of tissue | Medtronic, Inc. |
| 2006295394 | Tubing holding device for roller pumps | Medtronic, Inc. |
| 2007210010 | Ablation device and system for guiding said ablation device into a patient's body | Medtronic, Inc. |
| 2007210060 | Ablation device with lockout feature | Medtronic, Inc. |
| 2007210011 | Device and system for surgical dissection and or guidance of other medical devices into body | Medtronic, Inc. |
| 2007254929 | Annuloplasty ring and method | Medtronic, Inc. |
| 2009200783 | Peptide amidation process | Medtronic, Inc. |
| 2007302788 | Capacitive interface circuit for low power sensor system | Medtronic, Inc. |
| 2007345667 | Chopper-stabilized instrumentation amplifier | Medtronic, Inc. |
| 2008216670 | Multi-layered stents and methods of implanting | Medtronic, Inc. |
| 2009236094 | Medical devices and methods including polymers having biologically active agents therein | Medtronic, Inc. |
| 2009236115 | Clonidine formulations in a biodegradable polymer carrier | Medtronic, Inc. ; Warsaw Orthopedic, Inc. |
| 2009236089 | Methods and compositions for treating post-operative pain comprising a local anesthetic | Warsaw Orthopedic, Inc. ; Medtronic, Inc. |
| 2009236119 | Method for treating acute pain with a formulated drug depot in combination with a liquid formulation | Warsaw Orthopedic, Inc. ; Medtronic, Inc. |
| 2009236157 | Methods and compositions for treating post-operative pain comprising clonidine | Warsaw Orthopedic, Inc. ; Medtronic, Inc. |
| 2009236419 | Dexamethasone formulations in a biodegradable material | Warsaw Orthopedic, Inc. ; Medtronic, Inc. |
| 2009206672 | Delivery systems and methods of implantation for prosthetic heart valves | Medtronic, Inc. |

| Number | Title | Owner |
|----------------------------|---|---|
| 2009236427 | Biological markers and response to treatment for pain, inflammation, neuronal or vascular injury and methods of use | Medtronic, Inc. ; Warsaw Orthopedic, Inc. |
| 2009236494 | Spinal fixation system | Medtronic, Inc. |
| 2009236544 | Rigid bone graft substitute | Medtronic, Inc. ; Warsaw Orthopedic, Inc. |
| 2009240565 | Stented heart valve devices | Medtronic, Inc. ; Capps, M. |
| 2009240509 | Rehydratable thiolated polysaccharide particles and sponge | Medtronic, Inc. |
| 2009240510 | Rehydratable polysaccharide particles and sponge | Medtronic, Inc. |
| 2009240511 | Thiolated chitosan gel | Medtronic, Inc. |
| 2009240512 | Protective gel based on chitosan and oxidized polysaccharide | Medtronic, Inc. |
| 2009240513 | Chitosan-containing protective composition | Medtronic, Inc. |
| 2009240514 | Cold ionizing radiation sterilization | Medtronic, Inc. |
| 2009242500 | Self expanding electrode cuff | Medtronic, Inc. |
| 2009242502 | Self expanding electrode cuff | Medtronic, Inc. |
| 2009242504 | Electrode lead system | Medtronic, Inc. |
| 2009322637 | Flowable pharmaceutical depot | Medtronic, Inc. |
| 2010256630 | Stented prosthetic heart valves | Medtronic Inc. |
| 2010295275 | Waveforms for electrical stimulation therapy | Medtronic, Inc. |
| 2010286587 | Transcatheter valve delivery systems and methods | Medtronic Inc. |
| 2010292485 | Paravalvular leak closure devices and methods | Medtronic Inc. |
| 2010295291 | Stented transcatheter prosthetic heart valve delivery system and method | Medtronic Inc. |
| 2011233642 | Transcatheter prosthetic heart valve delivery system with recapturing feature and method | Medtronic Inc. |
| 2011230612 | Stents for prosthetic heart valves | Medtronic Inc. |
| 2011224438 | Sinus-engaging fixation member | Medtronic Inc. |
| 2011220860 | Transcatheter valve structure and methods for valve delivery | Medtronic Inc. |
| 2011238743 | Transcatheter heart valve delivery system with reduced area moment of inertia | Medtronic Inc. |
| 2011238752 | Transcatheter prosthetic heart valve delivery system with recapturing feature and method | Medtronic Inc. |
| 2011240939 | Transcatheter prosthetic heart valve delivery device with funnel recapturing feature and method | Medtronic Inc. |
| 2011240940 | Transcatheter prosthetic heart valve delivery device with stability tube | Medtronic Inc. |
| 2011243066 | Transcatheter prosthetic heart valve delivery system with expandable stability tube | Medtronic Inc. |
| 2011248657 | Transcatheter prosthetic heart valve delivery device with passive trigger release | Medtronic Inc. |
| 2011248658 | Transcatheter prosthetic heart valve delivery device with biased release features | Medtronic Inc. |

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