

IC	Issue Date	Reference No.	Patent No.	Technology Title
CC	8/21/2007	E-077-2002	7,260,250	Methods for Improving Sensitivity and Reducing False Positive Detections in Colonography Computer Aided Detection
	10/21/2008	E-174-2003	7,440,601	Automated Recognition Of The Ileocecal Valve For CT Colonography Computer-Aided Detection
	11/18/2008	E-351-2003	7,454,045	Automatic Colonic Polyp Segmentation Using Deformable Models For CT Colonography Computer-Aided Detection
	8/4/2009	E-084-2006	7,570,986	Teniae Coli Derived Corrdinate Systems For Guiding Virtual Colonoscopic Navigation And Registering Lesions In Multiple Scanned Data Sets
	8/4/2009	E-311-2001	7,570,802	AUTOMATED CENTERLINE DETECTION ALGORITHM FOR COLON-LIKE 3D SURFACES
	1/12/2010	E-077-2002	7,646,904	Methods for Improving Sensitivity and Reducing False Positive Detections in Colonography Computer Aided Detection
	5/25/2010	E-278-2004	7,722,565	Electromagnetically Tracked Tissue Abalation Device
	1/11/2011	E-061-2003	7,867,245	Long Term Retrieveable Venous Filter
	9/20/2011	E-063-2006	8,023,703	Computer Algorithm For Hybrid Segmentation Of Colon Filled With Air And Opacified Fluid For CT Colonography
	9/20/2011	E-314-2006	8,023,710	Wavelet Method For CT Colonography Computer-Aided Polyp Detection
	10/18/2011	E-215-2005	8,041,412	Electromagnetically Trackable, Non-ferromagnetic Scalpel, Clamp, And Surgical Tools
	5/8/2012	E-298-2006	8,175,348	Detection Of Colon Wall Outer Boundary And Segmentation Of The Colon Wall Based On Level Set Methods
	5/29/2012	E-077-2002	8,189,890	Methods for Improving Sensitivity and Reducing False Positive Detections in Colonography Computer Aided Detection
	12/25/2012	E-063-2006	8,340,381	Computer Algorithm For Hybrid Segmentation Of Colon Filled With Air And Opacified Fluid For CT Colonography
	5/21/2013	E-195-2008	8,447,384	System And Method For Prostate Cancer Detection And Distribution Mapping
	1/21/2014	E-064-2010	8,632,468	METHOD, SYSTEM AND DEVICES FOR TRANSJUGULAR INTRAHEPATIC PORTOSYSTEMIC SHUNT (TIPS) PROCEDURES
	5/20/2014	E-066-2010	8,731,264	SYSTEM AND METHOD FOR FUSING REAL-TIME ULTRASOUND IMAGES WITH PRE-ACQUIRED MEDICAL IMAGES
	2/3/2015	E-214-2005	8,948,845	Electromagnetically Trackable Rectal Ultrasound Transducer Needle Guide For Prostrate Biopsy, Brachytherapy, Or Ablation
	9/29/2015	E-036-2009	9,144,461	A Feedback System For Integrating Interventional Planning And Navigation
	7/26/2016	E-093-2005	9,398,892	Laparoscopic Ultrasound Transducer Trackable With Magnetics

IC	Issue Date	Reference No.	Patent No.	Technology Title
	1/10/2017	E-063-2011	9,541,822	X-Clometer: A Radiographic Marker That Displays And Transmits Upright Angle In Degrees On Portable Chest And Abdomen X-Rays
	5/23/2017	E-227-2012	9,655,595	System, Method And Device For Prostate Diagnosis And Intervention
	10/16/2018	E-029-2011	10,099,069	Therapeutic Apparatus And Method For Heating A Subject
	2/26/2019	E-228-2015	10,215,830	System And Method For Computer Aided Cancer Detection Using T2-weighted And High-value Diffusion-weighted Magnetic Resonance Imaging
	5/14/2019	E-160-2011	10,290,076	System And Method For Automatic Initialization For Ultrasound Image Liver Registration
	6/4/2019	E-184-2012	10,307,493	Synthesis And Characterization Of Image-able Polyvinyl Alcohol Microspheres For Chemoembolization And X-ray-based Imaging
	9/24/2019	E-173-2011	10,423,757	SYSTEM AND METHOD FOR PROBABILISTIC ABLATION PLANNING
	8/18/2020	E-198-2011	10,743,773	Imaging Thermometry
NCATS	6/20/2017	E-299-2012	9,682,983	Pyrazolo[1,5-a]pyrimidine Derivatives As Selective Inhibitors Of ALK Kinases For Inhibition Of The Bone Morphogenetic Proteins (BMP) Signaling Pathway
	7/10/2018	E-299-2012	10,017,516	Pyrazolo[1,5-a]pyrimidine Derivatives As Selective Inhibitors Of ALK Kinases For Inhibition Of The Bone Morphogenetic Proteins (BMP) Signaling Pathway
	8/27/2019	E-010-2013	10,392,646	Sensor And Device For Real Time Detection Of Plasma Metabolites
	2/11/2020	E-115-2018	10,555,942	EMETINE COMPOUNDS AND COMBINATION THERAPY FOR TREATMENT AND PREVENTION OF FLAVIVIRUS INFECTION
NCI	10/4/2005	E-064-2001	6,951,761	Parallel Measurements of Multiple RNA, Proteins And Antibody Binding Using CryoArray
	6/9/2009	E-307-2002	7,544,932	A Rugged Sheathless CE-ESI-MS Interface for Sensitive Nano-Flow Operation
	11/23/2010	E-059-2003	7,838,222	Methods, Devices And Kits For Multiplex Blotting Of Biological Samples From Multiwell Plates
	12/21/2010	E-098-2004	7,854,899	Manual Template Device For Construction Of Tissue Microarray
	9/13/2011	E-056-2007	8,017,938	Apparatus For Microarray Binding Sensors Using Carbon Nanotube Transistors
	12/27/2011	E-290-2006	8,084,199	MICRO-RNA-BASED METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF COLON CANCER-RELATED DISEASES
	8/14/2012	E-221-2005	8,242,778	Fast Electron Paramagnetic Resonance Imaging (EPRI) Using CW CPR Spectrometer With Sinusoidal Rapid-scan And Digital Signal Processing
	9/18/2012	E-221-2005	8,269,496	Fast Electron Paramagnetic Resonance Imaging (EPRI) Using CW CPR Spectrometer With Sinusoidal Rapid-scan And Digital Signal Processing
	12/24/2013	E-040-2009	8,614,466	Electrical Percolation Biological Semiconductors

IC	Issue Date	Reference No.	Patent No.	Technology Title
	4/29/2014	E-250-2008	8,712,499	In Vivo Quantitative Tissue Oxygen Imaging Using Pulsed Time-Domain Electron Paramagnetic Resonance Using A Combination Of Electron Spin-Echo And Single Point Imaging - ESPI (Echo-based Single Point Imaging)
	5/13/2014	E-013-2008	8,722,046	Human Monoclonal Antibodies Against Yersinia Pestis
	7/15/2014	E-059-2003	8,779,312	Methods, Devices And Kits For Multiplex Blotting Of Biological Samples From Multiwell Plates
	12/16/2014	E-287-2009	8,912,146	Antiproliferative Factors And Methods Of Use
	7/14/2015	E-287-2003	9,079,936	A NOVEL ANTIPROLIFERATIVE FACTOR AND METHODS OF USE
	10/20/2015	E-217-2010	9,163,258	A Method For The Treatment Of Obesity
	6/6/2017	E-070-2013	9,670,447	Microfabricated Polymeric Silicone Hydrogel Vessel Mimetics
	7/25/2017	E-052-2013	9,714,409	Use Of Argon As A Tissue Fixation Preservative
	1/23/2018	E-768-2013	9,874,622	Containment Device For Use In Transporting Hyperpolarized MRI Media
	6/19/2018	E-235-2015	10,001,483	Pomalidomide Is Active In Kaposi Sarcoma, And Also Induces An Increase In The Number Of Peripheral CD4 And CD8 T Cells, Increases In T Cell Activation, Decreases In T Cell Senescence, And A Shift Towards Central Memory T Cells
	1/29/2019	E-119-2013	10,190,143	A Technology And Prototype Of An Automated Instrument For The Synthesis Of Selectively Labeled RNA At Specific Residue(s) And/or Specific Segment(s)
	2/26/2019	E-261-2016	10,213,445	Compositions And Methods Of Diazeniumdiolate-based Prodrugs For Treating Cancer
	9/10/2019	E-171-2018	10,406,177	MODIFIED CELLS AND METHODS OF THERAPY
	10/1/2019	E-116-2017	10,426,797	Human Antibodies Against CD33
	10/29/2019	E-251-2015	10,459,212	An In Situ Calibrated Optical Trap For Rheological Characterization Of Complex Materials
	12/10/2019	E-013-2018	10,501,539	Fully Human Antibody Targeting Human CD19 For Cancer Therapeutic Development
	12/17/2019	E-106-2014	10,507,235	The Development And Use Of A Recombinant Brachyury Saccharomyces Cerevisiae (yeast) Vaccine For The Prevention And/or Therapy Of Chordoma
	1/28/2020	E-014-2018	10,543,263	Fully Human Antibody Binders To Human CD22 For CAR-T Therapeutics Development
	4/14/2020	E-106-2018	10,617,706	Use Of Cell Permeable Inhibitors Of Tyrosyl-DNA Phosphodiesterase 2 (TDP2) To Potentiate TOP2 Inhibitors As Anticancer Agents
	4/28/2020	E-039-2017	10,633,370	Phenyl Indole Allosteric Inhibitors Of P97 ATPase
	7/7/2020	E-213-2014	10,703,708	Methodology For Astatination And Radioiodination Based On Iodonium Salt Precursors
	9/1/2020	E-229-2018	10,759,795	AZA-A-RING INDENOISOQUINOLINE TOPOISOMERASE I POISONS
NEI	2/9/2010	E-241-1999	7,658,364	Ocular Therapeutic Agent Delivery Devices And Methods For Making And Using Such Devices

IC	Issue Date	Reference No.	Patent No.	Technology Title
	6/11/2019	E-162-2016	10,314,924	Abbreviated Version Of RPGR Is Effective In Gene Replacement Therapy
	8/4/2020	E-192-2014	10,729,579	Surgical Tool For Soft Ocular Tissue Transplantation
NHGRI	10/23/2012	E-099-2009	8,293,187	A Respiratory Chamber And Method Using Direct CO2 Measurement And Isotope Ratio Mass Spectrometry To Measure In Vivo Oxidation Rates Of Amino, Organic And Fatty Acid Substrates In Mice By The Detection And Quantitation Of C13CO2 Production
	5/13/2014	E-099-2009	8,721,988	A Respiratory Chamber And Method Using Direct CO2 Measurement And Isotope Ratio Mass Spectrometry To Measure In Vivo Oxidation Rates Of Amino, Organic And Fatty Acid Substrates In Mice By The Detection And Quantitation Of C13CO2 Production
NHLBI	5/30/2006	E-061-2004	7,051,737	A Novel System For The Complete Removal Of All Mucus From Within The Tracheal Tube: The Mucus Shaver
	8/7/2007	E-237-2003	7,253,620	Fisptrain: A High Signal Magnetic Resonance Imaging (MRI) Sequence With Steady-state Free Precession And Intrinsic Fat Suppression
	10/23/2007	E-134-2005	7,285,954	Method For Imaging And Reconstruction Of Partial Field Of View Phase Contrast MRI
	4/22/2008	E-338-2007	7,361,739	Methods And Apparatus For Creating Particle Derivatives Of HDL With Reduced Lipid Content
	5/20/2008	E-073-2005	7,375,520	Method For Specifically Selective B1 Insensitive T2 Preparation Contrast Enhancement For High Field Magnetic Resonance Imaging
	5/20/2008	E-338-2007	7,375,191	Methods And Apparatus For Creating Particle Derivatives Of HDL With Reduced Lipid Content
	7/1/2008	E-338-2007	7,393,826	Methods And Apparatus For Creating Particle Derivatives Of HDL With Reduced Lipid Content
	3/17/2009	E-074-2005	7,503,328	The Mucus Slurper Is A Novel Device To Keep The Endotracheal Tube (ET) Free Of All Mucus Without Suctioning
	7/14/2009	E-164-2002	7,561,909	MRI NAVIGATOR METHODS AND SYSTEMS
	2/23/2010	E-257-2005	7,667,210	Wide-area Fluorescence Detection System For Two-photon Microscopy
	8/31/2010	E-073-2005	7,787,930	Beta1-insensitive T2 Magnetization Preparation Of MR Imaging At High Field
	2/1/2011	E-237-2003	7,880,466	Fisptrain: A High Signal Magnetic Resonance Imaging (MRI) Sequence With Steady-state Free Precession And Intrinsic Fat Suppression
	2/22/2011	E-148-2001	7,892,847	METHOD AND APPARATUS FOR COUNTERCURRENT CHROMATOGRAPHY
	4/5/2011	E-035-2003	7,918,819	Moving Fulcrum Deflectable-tip Having A Variable Radius Of Curvature For Minimally-invasive Diagnostic And Therapeutic Procedures
	10/4/2011	E-338-2007	8,030,281	Methods And Apparatus For Creating Particle Derivatives Of HDL With Reduced Lipid Content

IC	Issue Date	Reference No.	Patent No.	Technology Title
	11/29/2011	E-082-2001	8,068,893	Real-Time, Interactive Volumetric Magnetic Resonance Imaging
	7/3/2012	E-249-2006	8,211,171	A Device To Protect Coronary Arteries Against Compression During Transcatheter Mitral Vale Annuloplasty (PMVA)
	9/18/2012	E-338-2007	8,268,787	Methods And Apparatus For Creating Particle Derivatives Of HDL With Reduced Lipid Content
	7/2/2013	E-209-2007	8,478,381	Active 0.035" Guidewire With Two Separate Channels
	3/18/2014	E-064-2014	8,675,942	Prior Enhanced Compressed Sensing (PRINCE-CS) Reconstruction For Dynamic 2D-Radial Cardiac MRI
	6/24/2014	E-236-2009	8,759,792	Non-contact Total Emission Detection Methods For Multiphoton Microscopy
	7/29/2014	E-173-2009	8,790,597	Device & Method For Sterile Sample Removal From Cryopreserved Bag
	12/30/2014	E-145-2010	8,921,323	Methods And Compositions For Modulating BCL-2 Family Polypeptides
	1/27/2015	E-292-2009	8,942,454	A Combined Principal Component Analysis (PCA) And Temporal Maximal Intensity Projection (tMIP) Method For Signal-to-noise Enhancement In Low Signal Acquisitions In Magnetic Resonance Imaging
	5/12/2015	E-321-2007	9,028,693	Second Generation Improved Spiral Tube Support For Countercurrent Chromatography
	7/21/2015	E-251-2009	9,086,509	Azicon: Beam Polarization Device For Superresolution Microscopy Improvements
	9/8/2015	E-143-2012	9,129,424	Phase Sensitive Motion Correction And T1 Mapping For Cardiovascular Magnetic Resonance Imaging
	2/16/2016	E-209-2007	9,259,556	Active 0.035" Guidewire With Two Separate Channels
	3/1/2016	E-249-2006	9,271,833	A Device To Protect Coronary Arteries Against Compression During Transcatheter Mitral Vale Annuloplasty (PMVA)
	3/29/2016	E-173-2009	9,296,500	Device & Method For Sterile Sample Removal From Cryopreserved Bag
	4/19/2016	E-037-2011	9,314,532	Development Of A Novel HDL Based Hydrophobic Drug Delivery System Using Amphipathic Peptides
	9/20/2016	E-250-2010	9,448,158	Lightguides To Simplify Total Emission Detection For Multiphoton Microscopy
	9/20/2016	E-261-2012	9,449,377	Background-free Imaging By Selective Modulation Of Nanodiamond Fluorescence Using A Magnetic Field.
	11/8/2016	E-114-2010	9,486,158	Active Adaptive Detuning System For Interventional MRI Devices
	2/28/2017	E-108-2010	9,579,200	An Expandable Mesh Target And Capture Device For Transcatheter Cerclage Annuloplasty
	3/21/2017	E-241-2010	9,598,703	Clonal Stable Sf9 Cell Lines Containing Rescueable AAV Vector DNA
	8/15/2017	E-051-2019	9,734,573	Improved Image Contrast In Inversion MfR Imaging, Improved Workflow And Inter-scan Reliability In MRI Myocardial Viability Imaging

IC	Issue Date	Reference No.	Patent No.	Technology Title
	4/10/2018	E-113-2013	9,939,392	Demodulation Of Intensity Modulation In X-ray Imaging
	4/17/2018	E-157-2019	9,943,335	IMPLANTED MAGNETS RETRIEVAL SYSTEM AND METHOD
	4/17/2018	E-249-2006	9,943,409	Expanded Claims For Transcatheter Coronary Sinus Mitral Valve Annuloplasty Procedure And Coronary Artery And Myocardial Protection
	6/5/2018	E-027-2013	9,987,135	Transauricular Intrapericardial Tricuspid Annuloplasty (TRAIPTA). A Method And Devices For Non-surgical Treatment For Functional Tricuspid Valve Regurgitation
	8/14/2018	E-124-2014	10,045,765	Device For Closure Of Transvascular Or Transcammal Access Ports
	8/28/2018	E-124-2014	10,058,315	Device For Closure Of Transvascular Or Transcammal Access Ports
	9/4/2018	E-074-2014	10,068,331	Real-Time Processing Of Medical Imaging Raw Data Using Cloud Computing
	11/13/2018	E-006-2014	10,123,768	MRI Compatible 3-D Intracardiac Echography Catheter And System
	4/23/2019	E-045-2019	10,264,994	Free Breathing Motion Corrected Pixel-wise Mri Myocardial T1 Parameter Mapping
	5/14/2019	E-048-2009	10,285,813	Cerclage Locking Device And Delivery System
	8/13/2019	E-553-2013	10,376,253	Caval Aortic Catheter Port Closure Device
	10/1/2019	E-287-2015	10,426,482	Device, Prosthesis And Delivery Systems, Transcatheter MRI-guided Implantable Cavopulmonary Bypass Endograft
	10/8/2019	E-201-2016	10,433,962	Annuloplasty Procedures, Related Devices And Methods
	11/5/2019	E-115-2013	10,463,495	Encircling Suture Delivery System
	1/21/2020	E-759-2013	10,537,718	Segmented Vascular Dilator
	3/3/2020	E-018-2014	10,575,851	Trans-auricular Left Atrial Appendage Ligation
	3/31/2020	E-273-2015	10,603,021	Endo-cammal Closure Device
	4/21/2020	E-194-2015	10,627,340	Imaging Systems And Methods Using Fluorescent Nanodiamonds
	6/23/2020	E-249-2006	10,687,942	Expanded Claims For Transcatheter Coronary Sinus Mitral Valve Annuloplasty Procedure And Coronary Artery And Myocardial Protection
	6/30/2020	E-253-2014	10,695,540	Segmented Metallic MRI Guidewires Using Stiffness-matched Nonconductive Connectors
NIA	7/22/2014	E-272-2005	8,785,193	Invention Of Tools For The Subculture Of Embryonic Stem Cells
	11/4/2014	E-241-2008	8,875,851	Posiphen And Analogues Suppress Production Of Alpha-synuclein Protein
NIAAA	9/19/2006	E-321-2001	7,109,245	Novel Vasoconstrictor Cannabinoid Analogs
	12/15/2015	E-092-2006	9,211,275	Ketone Esters Or Oligomers
NIAID	2/14/2006	E-552-1982	6,998,252	Recombinant Vaccines for Influenza and Hepatitis B Virus
	3/21/2006	E-552-1982	7,015,024	Recombinant Vaccines for Influenza and Hepatitis B Virus
	5/16/2006	E-552-1982	7,045,136	Recombinant Vaccines for Influenza and Hepatitis B Virus
	5/16/2006	E-552-1982	7,045,313	Recombinant Vaccines for Influenza and Hepatitis B Virus

IC	Issue Date	Reference No.	Patent No.	Technology Title
	11/25/2008	E-031-2004	7,456,222	Anti-Tubercular Drug: Compositions And Methods
	12/6/2011	E-102-2010	8,069,947	Sound Attenuation Canopy (SAC); Reduces Noise Transmitted Through The Suspended Ceiling System Present In Most Office Buildings
	6/19/2012	E-031-2004	8,202,910	Anti-Tubercular Drug: Compositions And Methods
	11/27/2012	E-102-2010	8,316,986	Sound Attenuation Canopy (SAC); Reduces Noise Transmitted Through The Suspended Ceiling System Present In Most Office Buildings
	12/10/2013	E-189-2008	8,603,808	Identification Of LJJ143 And LJM17 Salivary Proteins From The Sand Fly Lutzomyia Longipalpis, The Vector Of Visceral Leishmaniasis In Latin America, That Elicit Cellular Immunity And IFN-gamma Production In Dogs Resulting In Efficient Killing Of Leishmania Infantum Chagase
	1/5/2016	E-189-2008	9,228,002	Identification Of LJJ143 And LJM17 Salivary Proteins From The Sand Fly Lutzomyia Longipalpis, The Vector Of Visceral Leishmaniasis In Latin America, That Elicit Cellular Immunity And IFN-gamma Production In Dogs Resulting In Efficient Killing Of Leishmania Infantum Chagase
	5/30/2017	E-080-2015	9,663,812	A Plastic Adapter That Expedites And Automates Thawing Of Viable Frozen Cells
	11/13/2018	E-021-2019	10,125,172	CONFORMATIONALLY-STABILIZED RSV PREFUSION F PROTEIN
NIBIB	4/12/2011	E-223-2005	7,924,425	A Spatially Selective, Fixed Optics Multicolor Fluorescence Detection System For A Multichannel Plastic Microfluidic Device
	4/19/2016	E-078-2011	9,316,824	Optomechanics For Mounting Two Objectives In A Perpendicular Geometry Above A Microscope Base, For High Speed Volumetric Imaging Of Biological Samples With Selective Plane Illumination Microscopy (SPIM)
	7/4/2017	E-005-2012	9,696,534	Resolution Doubling With Digital Confocal Microscopy
	10/17/2017	E-247-2014	9,791,371	Distinguishing Stimulated Emission As A Means Of Increasing The Signal Of Fluorescence Microscopy
	7/17/2018	E-005-2012	10,025,082	Resolution Doubling With Digital Confocal Microscopy
	8/7/2018	E-005-2012	10,042,149	Resolution Doubling With Digital Confocal Microscopy
	12/18/2018	E-005-2012	10,156,711	Resolution Doubling With Digital Confocal Microscopy
	4/2/2019	E-225-2014	10,247,930	Resolution Enhancement With Line Scanning Excitation
	5/7/2019	E-005-2012	10,281,702	Resolution Doubling With Digital Confocal Microscopy
	9/3/2019	E-232-2014	10,401,604	Signal And Resolution Improvement In Light Sheet Microscopy At No Additional Speed Penalty Or Illumination Dose By Combining Depth Of Field Extension With Multiview Fusion

IC	Issue Date	Reference No.	Patent No.	Technology Title
	12/31/2019	E-006-2016	10,520,714	Instant Total Internal Reflection Fluorescence/Structured Illumination Microscopy (instant TIRF/SIM)
	5/19/2020	E-005-2012	10,656,403	Resolution Doubling With Digital Confocal Microscopy
	6/30/2020	E-150-2016	10,696,631	Radiotherapy And Imaging Agent Based On Peptide Conjugated To Novel Evans Blue Derivatives With Long Half-life And High Accumulation In Target Tissue
NICHD	6/3/2008	E-280-2002	7,380,477	Tissue Micro-osmometer
	5/4/2010	E-164-2006	7,711,171	Tomographic Reconstruction Of The 3-D "average Propagator" From Diffusion Weighted MR Data Using An Iterative Scheme
	6/4/2013	E-038-2005	8,456,738	Ultrahigh-Resolution Fiber-optic Confocal Microscopy Beyond The Diffraction Limit N The Nonometric Scale
	4/22/2014	E-276-2008	8,704,515	A Sensitive And Robust Method To Measure The Axon Diameter Distribution In Nerve Fascicles Employing Multiple Pulsed-field Gradient MR Sequences
	12/22/2015	E-068-2012	9,217,698	A Device To Simulate Explosive Blast For Use In Real Time Imaging Of Cells And Tissue.
	3/28/2017	E-249-2008	9,603,546	Phantoms For Calibration Of Magnetic Resonance Diffusion Measurements.
	10/31/2017	E-084-2012	9,801,536	Polarimetric Accessory For Colposcope
	1/9/2018	E-010-2010	9,861,287	Method For The Detection Of A Subdural Hematoma For Use In A Handheld Hematoma Detector And Discriminator.
	9/18/2018	E-249-2008	10/078,124	Phantoms For Calibration Of Magnetic Resonance Diffusion Measurements.
	4/7/2020	E-259-2014	10,613,176	Method For Computing T1-T2 Relaxation Spectra Using A Vastly Reduced Amount Of MR Data
	6/2/2020	E-348-2013	10,670,610	Development Of A Multimolecular And Multimodular Biomarker Panel For The Early Screening, Molecular Distinction And Clinical Follow-up Of Patients Developing Preeclampsia I HELLP Syndrome And Its Preparation Forpreeclampsia I HELLP Syndrome And Its Preparation For Preclinical Testing
	10/6/2020	E-052-2020	10,791,983	MUELLER MATRIX POLARIZATION IMAGING FOR PRETERM BIRTH ASSESSMENT
	10/13/2020	E-259-2014	10,802,098	Method For Computing T1-T2 Relaxation Spectra Using A Vastly Reduced Amount Of MR Data
	10/13/2020	E-211-2021	10,802,030	Systems And Methods To Predict Risk For Preterm Labor And/or Preterm Birth
NIDA	8/5/2008	E-223-2000	7,407,478	Coil For Magnetic Stimulation and Methods For Using The Same
	12/17/2013	E-223-2000	8,608,634	Coil For Magnetic Stimulation and Methods For Using The Same
	2/7/2017	E-250-2009	9,562,001	Monoamine Reuptake Inhibitors
	8/1/2017	E-043-2015	9,717,946	Methods And Apparatus For Imaging Awake Rodents

IC	Issue Date	Reference No.	Patent No.	Technology Title
NIDCD	2/7/2006	E-003-2004	6,993,959	AFMAnalyze: Software Package Automating The Analysis Of Atomic Force Microscopy (AFM) Data
	3/25/2014	E-201-2007	8,680,129	Combination Of Treatments For More Efficient Novel Cancer Treatment Principle
NIDCR	4/10/2007	E-614-1987	7,202,333	DNA ENCODING IgE RECEPTOR ALPHA-SUBUNIT OR FRAGMENT THEREOF
	9/2/2008	E-308-2001	7,419,817	SCALABLE PURIFICATION OF AAV2, AAV4 OR AAV5 USING ION-EXCHANGE CHROMATOGRAPHY.
	6/8/2010	E-035-2010	7,732,126	INTEGRIN CD18 IS A NOVEL STROMAL STEM CELL MARKER AND FUNCTIONS TO PROMOTE OSTEOGENESIS
	11/26/2019	E-282-2009	10,485,792	Prevention And Treatment Of Oral And Lips Diseases Using Sirolimus And Derivatives Sustained Release Delivery Systems For Local Application To The Oral Cavity
NIDDK	7/20/2010	E-199-2007	7,759,643	Single Electrode Electrochemical/Electrospray Ionization Corona Discharge Electrochemical Electrospray Ionization
	8/13/2013	E-219-2011	8,510,245	CLINICAL DECISION MODEL
	2/14/2017	E-063-2012	9,569,483	System For Personalized, Model-based, Feedback Control Of Body Weight
	6/30/2020	E-112-2018	10,695,355	Methods For Pharmacologic Treatment Of Stroke
NIMH	10/6/2015	E-289-2009	9,149,666	Novel Fast-acting SNARE-cleaving Enzyme That Readily Penetrates Tissue.
	6/30/2020	E-252-2014	10,698,056	Magnetic Resonance Magnification Imaging
NINDS	4/26/2011	E-099-2006	7,932,721	Inductive Decoupling Of Multiple RF Coils Using Passive Transformers
	7/12/2011	E-301-2007	7,976,451	Transcranial Magnetic Stimulation System And Methods
	2/28/2012	E-020-2007	8,125,225	Passive Circuitry Control Of Transmit Profile In Magnetic Resonance Imaging
	3/5/2013	E-251-2005	8,388,561	Improvements To Vibro-tactile Stimulation Device
	3/5/2013	E-301-2007	8,388,510	Transcranial Magnetic Stimulation System And Methods
	5/28/2013	E-251-2005	8,449,445	Vibro-tactile Stimulation To The Neck To Enhance Volitional Control Of Swallowing, Speech Or Voice In Patients With Motor Control Disorders
	11/5/2013	E-155-2006	8,575,375	Novel Neuroactive Steroids
	11/12/2013	E-251-2005	8,579,839	Enhance Recovery Of Voluntary Swallowing Using Patient Control Of Vibro-tactile Stimulation To The Neck In Persons With Dysphagia Resulting From A Neurological Diseases Or Disorders
	7/8/2014	E-301-2007	8,771,163	Transcranial Magnetic Stimulation System And Methods
	8/19/2014	E-251-2005	8,808,207	Improvements To Vibro-tactile Stimulation Device
	10/7/2014	E-251-2005	8,852,074	Vibro-tactile Stimulation To The Neck To Enhance Volitional Control Of Swallowing, Speech Or Voice In Patients With Motor Control Disorders
7/21/2015	E-081-2008	9,084,820	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems	

IC	Issue Date	Reference No.	Patent No.	Technology Title
	7/21/2015	E-309-2009	9,084,819	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems
	9/15/2015	E-301-2007	9,132,278	Transcranial Magnetic Stimulation System And Methods
	12/13/2016	E-155-2006	9,518,080	Novel Neuroactive Steroids
	3/28/2017	E-043-2012	9,607,392	SuBLIME: Automatic Brain Lesion Incidence And Detection Using Multimodality Longitudinal Magnetic Resonance Imaging
	1/9/2018	E-113-2011	9,864,026	Integrated Detection, Amplification And Wireless Transmission Of MRI Signals Using A Parametric Amplifier
	2/13/2018	E-025-2013	9,888,876	OASIS: Automated Brain Lesion Detection Using Cross Sectional Multimodality Magnetic Resonance Imaging
	4/3/2018	E-121-2014	9,933,339	Miniature Serial Block-face Scanning Electron Microscopy Microtome
	9/11/2018	E-251-2005	10,071,016	Enhance Recovery Of Voluntary Swallowing Using Patient Control Of Vibro-tactile Stimulation To The Neck In Persons With Dysphagia Resulting From A Neurological Diseases Or Disorders
	10/2/2018	E-155-2006	10,087,211	Novel Neuroactive Steroids
	1/29/2019	E-309-2009	10,188,755	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems
	2/12/2019	E-113-2011	10,203,382	Integrated Detection, Amplification And Wireless Transmission Of MRI Signals Using A Parametric Amplifier
	2/26/2019	E-309-2009	10,215,825	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems
	3/5/2019	E-309-2009	10,220,103	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems
	7/16/2019	E-081-2008	10,350,312	Magnetic Microstructures For Magnetic Resonance Imaging (MRI) Systems
	8/27/2019	E-122-2014	10,393,831	A Current Amplifier For Local Coil Pre-amplification Of NMR/MRI Signals
	7/28/2020	E-088-2018	10,723,787	HERV-K Antibody For Treatment Of ALS