



INNOVATION AWARDS2024



US Patents issued in fiscal year 2024

US 11,708,556 Tissue Sample Processing System and Associated Methods

Bruce Gale
Douglas Carrell
Kristin Murphy, *first issued patent*
Jiyoung Son
Jim Hotaling

US 11,707,721 Methods of Making Permeable Aerogels

Krista Carlson, *first issued patent*
Alexander Reifsnnyder, *first issued patent*

US 11,752,072 Quick Set Cements for Dental Pulp Capping and Related Methods of Use

Krista Carlson
John Colombo
Steven Naleway, *first issued patent*

US 11,752,203 B2 Methods for Treatment of and Prophylaxis Against Inflammatory Disorders

Christian Con Yost
Guy Zimmerman
Andrew Weyrich

US 11,761,919 Quantitative Chemical Sensors with Radio Frequency Communication

Ling Zang
Benjamin Bunes
Douglas Later
Leonard Cardillo
Douglas Werner
Ronald Jenkins
Micah Gregory

US 11,801,307 B2 Antibody-Polymer-Drug Conjugates

Jindrich Kopecek
Jiyuan Yang
Libin Zhang, *first issued patent*
Yixin Fang, *first issued patent*

US 11,801,307 Cannulated Continuous Compression Screw

Charles Saltzman
Colin Gregersen
T. Wade Fallin
Chase Hagman, *first issued patent*

US 11,801,079 Rotational Guided Growth Devices, Systems, and Methods

T. Wade Fallin
Zackery Evans
Peter Stevens

US 11,822,110 Diffractive Optic For Holographic Projection

Rajesh Menon

US 11,833,188 Methods and Compositions for Preventing or Treating Cancer

Joshua Schiffman
Lisa Abegglen
Avi Schroeder

US 11,834,708 Methods for Fast Nucleic Acid Amplification

Carl Wittwer
Jared Farrar

US 11,875,482 Lensless Imaging Device

Ganghun Kim
Kyle Isaacson
Rajesh Menon

US 11,774,453 Target-Binding Activated Split Reporter Systems for Analyte Detection and Related Components and Methods

Shawn Owen

US 11,911,442 Use of Soluble Pro(renin) Receptor to Treat Metabolic Disorders and Related Conditions

Tianxin Yang

US 11,896,240 Cartilage and Bone Harvest and Delivery Systems and Methods

Travis Maak
Charles Saltzman
Zackery Evans
T. Wade Fallin

US 11,623,009 Bone Fracture Repair by Targeting of Agents that Promote Bone Healing

Jindrich Kopecek
Jiyuan Yang
Stewart Low
Philip Low
Christopher Galliford

US 11,957,762 B2 Immune Tolerant and Non-Immune Tolerant Elastin-Like Recombinant Peptides and Methods of Use

Mingnan Chen, *first issued patent*
Hyung Jin Cho, *first issued patent*
Peng Wang, *first issued patent*
Shuyun Dong, *first issued patent*
Peng Zhao

US 11,946,046 Staufen1 Regulating Assets and Associated Methods

Stefan Pulst
Daniel Scoles
Sharan Paul

US 11,967,871 Cogging-Torque Actuator

Jacob Abbott
Shad Roundy
Jacob Aman

US 11,998,241 Coupled Torsional Fixator and Method of Use

Peter Stevens

US 11,774,453 Target-Binding Activated Split Reporter Systems for Analyte Detection and Related Components and Methods

Andrew Dixon

US 11,964,994 Two-Dimensional Perovskite Compositions and Devices Therefrom

Matthew Beard
Haipeng Lu
Annalise Maughan
Joseph Berry
Zeev Vardeny
Chuanxiao Xiao
Volker Blum
David Mitzi

US 11,980,498 Implantable and Biodegradable Smart Hydrogel Micromechanical Resonators with Ultrasound Readout for Biomedical Sensing

Jules Magda
Florian Solzbacher
Christopher Reiche
Navid Farhoudi
Prattay Kairy
Lars Laurtneius
Steven Blair

