



Clemson University Research Foundation

### US Patents Issued in 2017

\*denotes Clemson University inventor

Patent No.	Title	Inventors
9,751,081	Self-Regenerating Antioxidant Catalysts and Methods of Using the Same	Andrew Gregory Tennyson* Yamin Htet* Anshuman Mangalum
9,693,867	Lockable Knee Implants and Related Methods	Eric Lucas John David DesJardins* Frank Voss Kim Chillag
9,764,515	Multidispenser Cartesian Robotic Printer	Ying Mei* Michael Yost Thomas Trusk Michael Chaoell Walter Boylan
9,687,775	Novel Chemically Stable Ceramic-Metal Composite Membrane For Hydrogen Separation	Kyle S. Brinkman* Fanglin Chen Shumin Fang
9,795,573	Multi-step Connective Tissue Stabilization Method and Stabilized Tissue Formed Thereby	Hobey Tam* Narendra Vyavahare*
9,552,929	Polymer-Nanocarbon Composites, Methods of Making Composites, and Energy Storage Devices Including the Composite	Apparao M. Rao* Ramakrishna Podila* Mark E. Roberts* Robert Emmett*
9,685,097	Device and Method for Detecting Eating Activities	Adam Hoover* Eric Muth* Yujie Dong Jenna Scisco
9,536,725	Means of Introducing an Analyte into Liquid Sampling Atmospheric Pressure Glow Discharge	R. Kenneth Marcus* Charles D. Quarles Richard Russo David Koppenaar Charles Barinaga Anthony Carado
9,778,629	Situational Awareness / Situational Intelligence System and Method for Analyzing, Monitoring, Predicting and Controlling Electric Power Systems	Ganesh Kumar Venayagamoorthy*
9,615,815	Devices that Cooperate with Ultrasound Probes for Musculoskeletal Evaluations and Related Systems and Methods	Delphine Dean* David Kwartowitz Fuad Mefleh Erika Trent Vipul Pai Raikar*
9,651,629	Hardware-in-the-Loop Grid Simulator System and Method	Edward Randolph Collins* John Curtiss Fox* Nikolaos Rigas*
9,711,928	Single Crystals with Internal Doping with Laser Ions Prepared by a Hydrothermal Method	Joseph Kolis* Colin McMillen*
9,543,575	Silicon-Based Anode and Method for Manufacturing the Same	Igor Luzinov* Gleb Yushin Oleksandr Magazynskyy Bogdan Zdyrko*
9,560,848	Method and Compositions for Biofouling Deterrence	Andrew Metters Neeraj Gohad Nihar Shah Andrew S. Mount*
9,767,943	Patterned Nanoparticle Assembly Methodology	Thomas M. Crawford Longfei Ye Tanner G. Pearson O. Thompson Mefford* Yves Cordeau