



US Patents Issued in 2014

*denotes Clemson University inventor

Patent No.	Title	Inventors
8,871,355	Microstructure Enhanced Sinter Bonding of Metal Injection Molded Part to a Support Substrate	Laine Mears* Thomas Martens
8,865,460	Co-culture Bioreactor System	Karen Burg David Orr
8,865,402	Nanostructured Substrates for Surface Enhanced Raman Spectroscopy (SERS) and Detection of Biological and Chemical Analytes by Electrical Double Layer (EDL) Capacitance	Guigen Zhang*
8,860,438	Electrical Double Layer Capacitive Devices and Methods of Using Same for Sequencing Polymers and Detecting Analytes	Guigen Zhang*
8,858,979	Service Induced Byproducts for Localized Drug Delivery in Orthopaedic Implants	John DesJardins* Martine LaBerge* Cassandra Wright-Walker
8,834,629	Rhombohedral Fluoroberyllium Borate Crystals and Hydrothermal Growth Thereof for Use in Laser and Non-Linear Optical Applications and Devices	Joe Kolis* Colin McMillen*
8,783,371	Subsurface Capture of Carbon Dioxide	Ron Falta* Gerald Blount Alvin Siddall
8,778,031	Limb Prosthesis	Bob Latour* Steven Martin
8,771,582	Electrospinning Process for Making a Textile Suitable for Use as a Medical Article	Phil Brown* Martin Bide Matthew Phaneuf
8,758,633	Dielectric Spectrometers with Planar Nanofluidic Channels	Pingshan Wang* Chunrong Song
8,743,529	Capacitive-Stemmed Capacitor	Todd Hubing* Haixin Ke Hocheol Kwak
8,718,111	Diode Laser	Lin Zhu* Yunsong Zhao
8,691,116	Conducting Polymer Ink	Steve Foulger* Sam Ingram* Moongyu Han Jay Sperry
8,680,182	Methods for Promoting the Revascularization and Reinnervation of CNS Lesions	Xing Jin Vibhor Krishna Xuejun Wen Ning Zhang
8,629,330	Methods and Compositions for the Inhibition of Meristematic Growth on Cucurbit Rootstock	Richard Hassell* Shawna Daley James Brusca Xingping Zhang