

Patents Approved

Inventor(s)	Project Title	US Patent Number
Walter Hill, Carlton Morris, Conrad Bonsi, and Philip Loretan		
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Kyung C. Kwon, Nader Vahdat, Tamara Floyd-Smith, Legend Burge and Paul Jones	Capillary Viscometers for Use With Newtonian And Non-Newtonian Fluids	Patent Date: June 8, 2010 U.S. Patent No.: 7,730,769 B1
Clayton Yates Jesse Jaynes Timothy Turner	Lytic Peptides having Anti-Proliferative Activity Against Prostate Cancer Cells	Patent Date: June 11, 2013 U.S. Patent No.: 8,461,118 B2
Cecilia Yates-Binder, Timothy Turner, Alan Wells, Jesse Jaynes, Richard Bodnar	Chemokine Derived Peptides that bind with Chemokine Receptor CXCR3 and Uses for Chronic Wound and Angiogenesis Inhibition Treatments	Patent Date: May 27, 2014 U.S. Patent No.: US 8,734,775 B2

Temesgen Samuel, Teshome Yehualaeshet, Tesfaye Serbessa, and Khalda Fadlalla	Anticancer Treatment Methods Involving Analogs and Deprivatives of 3-(2 substituted-Ethyl) Indole Compounds	Patent Date: January 30, 2018 U.S. Patent No.: 9,877,949 B2
Shaowei Gong	Internal Combustion Engine Propulsion Method and Corresponding Transmission Design	Patent date May 21, 2019 U.S. Patent No: 10,295,021
Vijaya Rangari, Boniface Tiimob, Vitus Apalangya, Shaik Jeelani and Temesgen Samuel	Filtration System and Methods of Using such System for Improved Water Filtration	Patent Date: March 10, 2020 U.S. Patent No.: 10,583,417 B2
Heshmat Aglan	Nanostructured Thermoplastic Polyimide Films	Patent Date: February 02, 2021 U.S. Patent No. 10,907,026 B2
Deidre Quinn-Gorham, Sharanabasaweshwara Asundi and Jimesh Bhagatji	The Manifold Scalpel Handle	Patent Date: May 25, 2021 U.S. Patent No. 11,013,529 B2
Tamara Floyd Smith, Julaunica Tigner and Jessica Koehne	Carbon nanofiber sensor for non-enzymatic glucose detection and methods of glucose detection using such carbon nanofiber sensor	Patent Date: June 15, 2021 U.S. Patent No. 1,1035,820 B2
Vijaya Rangari and Boniface Tiimob	Nano Engineered Eggshell Toughened Flexible Synergistic Bioplastic Blend for food packaging and biomedical applications	Patent Date: August 3, 2021 U.S. Patent No. 11,078,359 B2
Michael Curry and Donald White	Nanocellulosic Compositions	Patent Date: August 10, 2021 U.S. Patent No. 11,084,907 B2
John Solomon	System and Method for Active Injection into Fluid Streams	Patent Date: January 25, 2022 Patent No.: US 11,230,996 B2
Vijaya Rangari, Boniface Tiimob, Vitus Apalangya, Shaik Jeelani and Temesgen Samuel	Filtration System and Methods of Using such System for Improved Water Filtration	Patent Date: May 10, 2022 U.S. Patent No.: 11,325,099 B2
Jesse Jaynes and Cecelia C. Yates	Small Peptide Compositions and Uses Thereof	Patent Date: May 24, 2022 Patent No.: 11,338,017

Vijaya Rangari, Samia Islam and Woubit Abdela	Crystalline Nano Cellulose Reinforced Chitosan based films for packaging and other Biodegradable Applications	Patent Date: June 21, 2022 Patent No. 11,365,297
Naga Korivi and Kalyan Das	Photovoltaic cells based on donor and acceptor nano-particulate conjugates in conductive polymer blends	Patent Date: June 28, 2022 Patent No. 11,374,188
Woubit Abebe, Khaled Aldahami, Sayma Afroj, Temesgen Samuel, and Gopal Reddy	Genetic Array for Simultaneous Detection of Multiple Salmonella Serovars	Patent Date: September 20, 2022 Patent No. 11,447,834 B2