

Research for a Better Tomorrow

OFFICE OF INTELLECTUAL PROPERTY MANAGEMENT

The Office of Intellectual Property Management is responsible for intellectual property and technology transfer activities at Florida International University.

Florida International University (www.fiu.edu) emphasizes research as a major component of its mission. FIU is ranked by the Carnegie Foundation for the Advancement of Teaching as a Doctoral/Research University-Extensive, the highest ranking in its classification system. FIU has dynamic research programs addressing high tech, biomedical, health and environmental issues.

With 36,000 students, 800 full-time faculty, and more than 110,000 alumni, FIU is the largest university in South Florida and among the nation's 25 largest colleges and universities. FIU is also advancing the world's technology base by developing new technologies that will allow for the creation of nanoscale materials to be used as drug-delivery vehicles and sensors.



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Centers of Research that Distinguish FIU Include:

Advanced Materials Engineering Research Institute (AMERI)
www.eng.fiu.edu/ameri

Cardiovascular Engineering Center (CVEC)
www.eng.fiu.edu/cvec

Center for Advanced Technology and Education (CATE)
www.cate.fiu.edu

Center for the Study of Matter at Extreme Conditions (CeSMEC)
www.cesmec.fiu.edu

High Performance Database Research Center
www.hpdr.csf.fiu.edu

International Hurricane Research Center
www.ihc.fiu.edu

Southeast Environmental Research Center (SERC)
www.serc.fiu.edu

Tropical Biology
www.fiu.edu/~biology1/tropical



FIU

FLORIDA INTERNATIONAL UNIVERSITY
Miami's public research university

Sample of FIU Technologies Available for Licensing

ADAPTIVE SOL-GEL IMMOBILIZATION AGENTS FOR CELL DELIVERY

Inventor(s): *Crumpler, E.; Vallejo, M.* Patent Pending

COMPLIANCE MATCHING VASCULAR STENTS (CMS)

Inventor(s): *Moore, J.; Berry, J.* U.S. Patent 6,206,910 and 6,572,649

ELECTRIC FIELD AND TEMPERATURE PROBE

Inventor(s): *Hagmann, M.; Babij, T.* U.S. Patent 5,113,864

IDENTIFICATION OF HUMANS THROUGH CHARACTERISTIC VOLATILE ORGANIC COMPOUNDS DETECTED IN HUMAN SCENT

Inventor(s): *Furton, K.; Curran, A.* Patent Pending

METHOD AND APPARATUS FOR DETECTING EXPLOSIVES

Inventor(s): *Almirall, J.; Perr, J.* Patent Pending

MULTIMODAL HUMAN-COMPUTER INTERFACE DESIGN TO HELP PEOPLE WITH MOTOR DISABILITY

Inventor(s): *Adjouadi, M.; Ayala, M.; Sesin, A.; Cabrerizo, M.* Patent Pending

NEURAL STUDIO: AN ARTIFICIAL NEURAL NETWORKS SIMULATOR FOR EDUCATIONAL AND RESEARCH PURPOSES

Inventor(s): *Ayala, M.; Adjouadi, M.* Patent Pending

NOVEL TEMPERATURE CONTROLLED INTERNAL JACKETED CATHETER

Inventor(s): *Crumpler, E.; elChurafa, M.; Ahmed, M.; Silva, H.* Patent Pending

PANTHER SKIN™

Inventor(s): *Torres, M.; Wu, K.* U.S. Patent 5,251,849 and 6,722,611

PERSONAL DOSIMETER

Inventor(s): *Hagmann, M.* U.S. Patent 4,913,153

RESPIRATORY MOTION TRACKING SYSTEM AND METHOD FOR MOLECULAR IMAGING AND RADIATION THERAPY

Inventor(s): *Franquiz, J.; Byrne, J.; McGoron, A.*

SURFACE PLASMON RESONANCE DETECTION WITH HIGH ANGULAR RESOLUTION AND FAST RESPONSE TIME

Inventor(s): *Tao, N.; Boussaad, S.; Huang, W.* U.S. Patent 6,784,999

TRANSGENIC PRODUCTION OF SPIDER SILK

Inventor(s): *Herrera, R.; Coll, J.; Almagro, J.* Patent Pending

THREE-DIMENSIONAL MAGNETIC MEMORY

Inventor(s): *Khizroev, S.* Patent Pending

ULTRA-HIGH PERFORMANCE SCALABLE 3-D MICROSCALE CONVECTION COOLING HEAT SINK

Inventor(s): *Tao, Y.; Hao, Y.; Moreno, R.* Patent Pending

INTERNET BASED SECURE, TRANSPARENT ACCESS CONTROL WITH CUSTOM AUTHENTICATION

Inventor(s): *Prabakar, N.* Patent Pending

