

Technology Management ~ University of Mississippi Technologies Available for Licensing

LIFE SCIENCES

Central Nervous System	UM File No.	PI	Patent Status
Yohimbine Dimers Exhibiting Selective Alpha-2 Adrenergic Receptor Antagonist Activity	1840	Feller	6,638,943
Animal Model for Simultaneously Screening Anxiolytic and Antidepressant Effects of Compounds	1910	Sufka	Patent Pending
Antiinfectives	UM File No.	PI	Patent Status
Novel Antigiardial Agents	1351	Avery	Patent Pending
Novel Analogs of Artemisinin for the Treatment of Tropical Diseases	1451	Avery	Patent Pending
Novel Cyclopentene Antifungal Compounds and Methods for Their Use	1740	Li	7,109,380
Novel Drug Delivery Systems & Topical Therapies	UM File No.	PI	Patent Status
Novel Topical Therapy for Psoriasis and Other Inflammatory Disorders	1571	Avery	Patent Pending
Method and Apparatus for Pellet Freezing Molten Solid Matrices	1661	Cheboyina	Patent Pending
Transmucosal Delivery of Cannabinoids	1490	Repka	Patents Pending
Bioadhesive Hot-Melt Extruded Film for Topical and Mucosal Adhesion Applications	1520	Repka	6,375,963
Transnail Delivery Systems	1510 3770	Repka Murthy	Patent Pending Patent Pending
Anticancer	UM File No.	PI	Patent Status
Method of Screening Anticancer Compounds	1290	Pasco	6,200,760
Enhanced Yield of Podophyllotoxin	1260	Moraes	6,143,304
Methods and Compositions for Isolating Taxanes	1270	ElSohly	5,618,538 5,480,639
Synthesis and Antitumor Activity for Artemisinin-Derived Compounds	1530	ElSohly	6,790,863 7,098,242 Patent Pending
Novel Compounds Exhibiting HIF-1 and VEGF Inhibition	1760 1820	Nagle	Patents Pending
Cembranoids with Chemopreventative Activity	1470	Zjawiony	Patent Pending

Dietary Supplements	UM File No.	PI	Patent Status
Cholesterol Lowering Compounds in Blueberries and Other Botanicals	1970	Rimando	Patent Pending
Algaecides	UM File No.	PI	Patent Status
Novel Selective Algaecides for Control of Cyanochloronta	1630	Nanayakkara	6,949,250

PHYSICAL SCIENCES AND ENGINEERING

Chemical Engineering	UM File No.	PI	Patent Status
Reduction of Nitrogen Oxide by a Mixed Fuel by Reburning During Coal Combustion	3150	Chen	Patent Pending
Computer Sciences and Engineering	UM File No.	PI	Patent Status
High-Speed Data Compression Based on Set-Associative Cache Mapping Techniques	3190	Paris	Patent Pending
Environmental Engineering	UM File No.	PI	Patent Status
Process for Solubilization and Disposal of Radioactive Scale and Sludge from Oil and Gas Production	1791	Matthews	Patent Pending
Physical Acoustics	UM File No.	PI	Patent Status
Thermoacoustic Refrigeration Device and Method	3100	Raspet	6,688,112
Underwater Biomass Assessment Device and Method	3270	Chambers	Patent Pending
Method and Device for Reducing Jet Engine Noise	3130	Seiner	7,240,493 Patent Pending
Method for Detecting Buried Objects by Measuring Seismic Vibration Induced by Acoustical Coupling with a Remote	3030	Sabatier	6,081,481
Methods for Detecting Humans	3330	Sabatier	Patent Pending
Multidomain Plate Acoustic Wave Devices	3500	Ostrovskii	Patent Pending

ADDITIONAL TECHNOLOGIES

	UM File No.	PI	Patent Status
Plastic Grocery Bag Transporter	3200	Sumrall	D530,206

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