

UNIVERSITY OF PUERTO RICO
PROVISIONAL AND UTILITY PATENTS SUBMITTED
August 2009

DOCKET NUMBER	APPLICATION NUMBER	DATE SUBMITTED	INVENTOR (S)	CAMPUS	TITLE	STATUS
04-064	60/632,996 (provisional) 11/292,876 (utility)	December 3, 2004 December 2, 2005	Yamil Gerena-López	MSC	New human t-cell line expressing the fusion protein insulin receptor-EGFP under the regulation of the human insulin receptor promoter	Under evaluation by USPTO
05-070	60/712,669 (provisional) 11/512/599 (utility)	August 30, 2005 August 30, 2006	Margarita Ortiz-Marciales Viatcheslav, Stepanenko Wildeliz Correa Melvin De Jesús	Humacao	Highly enantioselective carbonyl reduction with borane catalyzed by chiral spiroborate esters derived from chiral β -aminoalcohols	Under evaluation by USPTO
05-072	11/354,064 (utility)	February 14, 2006	Raphael Raptis Ricardo González	RRP RCM	Iron-based Contrast Agent	Under evaluation by USPTO
06-080	60/829,387 (provisional) 61/004,497 (provisional) 12/325,101 (utility)	October 13, 2006 November 28, 2007 November 28, 2008	Gustavo E. Frank Ayala Nestor M. Martínez Toro José J. Mayí David Serrano Mauricio Lizama	RUM FILIUS	Adaptation for shower system for people with severe physical disabilities	Waiting for USPTO
06-084	60/760,919 (provisional) 11/656,782 (utility)	January 23, 2006 January 23, 2007	Yi Jia Frederick A. Just Manuel Toledo Quiñones David Serrano Ke Sun	RUM	High sensitivity passive wireless strain sensor	Waiting for USPTO
07-085	60/911,698 (provisional) 12/102,862 (utility)	April 13, 2007 April 14, 2008	Belinda Pastrana Ibon Iloro Manzano	RUM	Determination of Protein, Peptide or Peptoid Aggreration, Stability, and Viability	Under evaluation by USPTO
07-087	60/942,016 (provisional)	June 5, 2007	María Gloria Domínguez Joseph Bassaganya-Riera Raquel Hontecillas Bruno Sobral	RRP Virginia Tech	Method of using a probiotic bacteria to treat or prevent obesity and type 2 diabetes	Virginia Tech submitted the utility application
07-090	60/921,319 (provisional)	April 2, 2007	Weiyi Jia Xiaojun Wang William M. Yen	RUM UGARF	Phosphorescent Compositions and Methods	UGARF submitted utility application

07-092	60/952,597 (provisional) 12/181,629 (utility)	July 30, 2007 July 29, 2008	Irving E. Vega	RRP	A Novel Biomarker for Tauopathy: Tea Protein	Waiting for USPTO
07-093	PCT 06-077	August 21, 2007	Margarita Ortiz-Marciales Viatcheslav Stepanenko Melvin De Jesús Francisco Merced Xiaogen Huan Kun Huang	Humacao	Catalytic Asymmetric Synthesis of Primary Amines via Borane Reduction of Oxime Ethers using Spiroborate Esters	Under evaluation by USPTO
07-094	61/044,974 (provisional) 12/286,356 (utility)	April 15 2008 April 15, 2009	Margarita Ortiz-Marciales Viatcheslav Stepanenko Melvin De Jesús Francisco Merced Xiaogen Huan Kun Huang	Humacao	Highly enantioselective carbonyl reduction with borane catalyzed by chiral spiroborate esters derived from chiral β -aminoalcohols	Under evaluation by USPTO
07-096	61/004,706 (provisional) 12/325,223 (utility)	November 29, 2007 November 29, 2008	Shawn D. Hunt Carlos Fabián Benitez Quirós	RUM	Signal Dependent Dither	Waiting for USPTO
07-098	60/987,915 (provisional) 12/271,273 (utility)	November 14, 2007 November 14, 2008	Enrique Meléndez José Lamboy	RUM	Titanium-maltolate compound ([Ti ₄ (maltolato) ₈ (μ -O) ₄]) as antitumor agent for colon adenocarcinoma (colon cancer)	Waiting for USPTO
07-100	60/983,990 (provisional) PCT US08/81956 (PCT)	October 31, 2007 October 31, 2008	Abimael Rodríguez Xiaomei Wei Scott G. Franzblau	RRP MD Anderson	Ring B Abeo-Sterols as Potent Growth Inhibitors of <i>Mycobacterium tuberculosis</i>	Waiting for USPTO
07-102	61/013,630 (provisional) 12/334,968 (utility)	December 13, 2007 December 15, 2008	Arturo J. Hernández Milton Rivera Ramos	RUM	Removal of Carbon Dioxide from Light Gas Mixtures using Ion-Exchange Silicoaluminophosphates	Waiting for USPTO
08-104	61/108,263 (provisional)	October 24, 2008	Ana Espino	RCM	Quantitative Real-Time PCR Array (qPCR) for Rabbit Cytokines and its Application in the Characterization of Immune Responses.	Utility application due on October 24, 2009
08-105	60/914,120 (provisional)	April 26, 2007	Esther Torres Taylor Rotter	RCM Cedars-Sinai Medical Center	Diagnosis and Treatment of Inflammatory Bowel Disease in Puerto Ricans	Cedars Sinai submitted the utility application

08-106	61/034,381 (provisional) 12/381,073 (utility)	March 6, 2008 March 6, 2009	Adriana R. Herrera Carola Barrera Carlos Rinaldi	RUM	Synthesis and Functionalization of Iron Oxide Nanoparticles with Aminopropyl-silane and Carboxymethyl-dextran	Waiting for USPTO
08-109	61/082,687 (provisional) (utility)	July 22, 2008 July 22, 2009	Lionel R. Orama-Exclusa Carlos Andrés Giraldo-Castañeda	RUM	Maximum power point tracking method for power curve optimization	Waiting for USPTO
08-110	61/135,678 (provisional) (utility)	July 23, 2008 July 23, 2009	Loyda M. Meléndez Ixane Velázquez	RCM	Ant6ioxidant enzyme dysfunction in monocytes and CSF of Hispanic women with HIV-associated cognitive impairment.	Waiting for USPTO
08-111	61/081,769 (provisional) (utility)	July 18, 2008 July 18, 2009	Loyda M. Meléndez Claribel Luciano Montalvo	RCM	Cystatin B induces HIV replication and reduction of the protein it is associated with impaired HIV replication	Waiting for USPTO
08-112	61/135,711 (provisional) (utility)	July 23, 2008 July 23, 2009	Loyda M. Meléndez Juliana Pérez Laspiur	RCM	CSF proteomic fingerprints for HIV – associated cognitive impairment	Waiting for USPTO
08-114	61/145,260 (provisional)	January 16, 2009	Kishore Uppireddi Gerardo Morell Brad Weiner	RRP	Diamond synthesis employing nanoparticles seeds	Utility application due on January 2010
08-118	61/157,675 (provisional)	March 5, 2009	Félix E. Fernández Nelson Sepúlveda-Alancastro Armando Rúa Rafmag Cabrera	RUM	Sensors and focal plane arrays for infrared radiation based on solid-phase transitions	Utility application due on March 2010
08-119	61/145,277 (provisional)	January 16, 2009	Deepak Varshney Vladimir Ivanovich Makarov Gerardo Morell Brad Weiner	RRP	Low-energy, hydrogen-free process of diamond synthesis	Utility application due on January 2010
08-120	61/144,904 (provisional)	January 15, 2009	Julio Rodríguez Consuelo Torres Sandra Macksoud Awilda Núñez Grisel Muñoz Cannie Bellido	RRP RRP RRP Carolina Cayey RUM	Test of Dispositions for Teacher Preparation Candidates	Utility application due on January 2010
09-121	61/222,368 (provisional)	July 2, 2009	Antonio E. Alegría Ajay Kumar	Humacao	Functionalized 4-aza-2, 3-didehydropodophyllotoxin derivatives	Utility application due on July 2010

09-123	61/222,330 (provisional)	July 2, 2009	Yury Posada	RRP	Silver nanoclusters synthesized on zeolite substrates	Utility application due on July 2010
09-124	61/222,390 (provisional)	July 2, 2009	Daniel McGee	RUM	Visualization Tools for 3D	Utility application due on July 2010