

CBB – Brevets

| <u>Brevet</u> | <u>Inventeur</u> | <u>Date</u> |
|--|---|-------------|
| Electrochemical Oxidation of Caffeine | Omanovic, Sasha; Brown, Wayne | 01/10/2006 |
| Compositions for delivery of biological agents and methods for the preparation thereof | Eisenberg, Adi | 06/06/2006 |
| Compositions for delivery of biological agents and methods for the preparation thereof | Eisenberg, Adi | 30/01/2007 |
| Polymeric binders for celiac disease. | Leroux, Jean-Christophe; Nasser-Eddine, Mohamad | 14/11/2005 |
| Method for improving fonctionnality of tissue constructs | Germain, Lucie; Auger, François A.; Grenier, G.; Larouche, D.; Rémy-Zolghadri, M.; Bergeron, F. | 27/11/2002 |
| In vitro human angiogenesis model | Auger, François A.; Germain, Lucie; Rochon, M.-H.; Black, A. | 05/09/2001 |
| Method and apparatus for inducing controlled mechanical constraints in a tissue construct | Auger, François A.; Germain, Lucie; Bergeron, F. | 15/01/2003 |
| Method for preparing tissue constructs | Auger, François A.; Germain, Lucie; Bergeron, F. | 24/04/2003 |
| Tissue-engineered heart valve | Germain, Lucie; Auger, François A.; Lafrance, H.; Bergeron, F.; Roberge, C. | 16/07/2002 |
| Method for preparing engineered tissue | Germain, Lucie; Auger, François A.; Bergeron, F.; Roberge, C. | 16/07/2003 |
| Low volume sample cell for spectroscopic measurements | Burns, David; Ross, P. | 01/06/2007 |
| Molecularly sensitive biosensor with ultrasound detection | Burns, David; Toriani, D.; Dion, J. | |
| Méthode d'imagerie et de mesure de la contrainte simultanée à l'intérieur d'un milieu diffusant par holographie photoréfractive et shearographie couplée | Charette, Paul; Béland, Rémy; Rosso, Vanessa; Renotte, Yvon | 01/11/2007 |
| Method to determine state of the cell exchanging metabolites with a fluid | Burns, David | 01/01/2007 |

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| medium by analyzing the metabolites in the fluid medium | | |
| Spectroscopic assessment of viability in ART from semen, ovocytes and embryos | Burns, David | 01/11/2006 |
| Spectroscopic analysis for the diagnosis and management of Alzheimer's disease and other neurological diseases | Burns, David; Schipper, H.; Bandilla, D.; Rosendahl, S. | 01/11/2004 |
| Spectroscopic assessment of fetal health | Burns, David; Koski, K. | 21/08/2003 |
| Quantification of optical properties in scattering media using the fractal analysis of photon distribution measurements | Burns, David; Gributs, C.E.W. | 01/01/2003 |
| Near infrared method and system for measuring lactate levels in vivo | Burns, David; Lafrance, D.; Lands, L. | 01/01/2003 |
| Near-infrared measurement of tissue edema | Burns, David; Oppenheimer, L.; Leonardi, L. | 01/01/2001 |
| Characterization of the contact distribution between two arbitrary surfaces using electrode arrays. | Buschmann, Michael D.; Garon, M.; Ouellet, M.; Légaré, A.; Savard, P. | 01/01/2001 |
| Composition and method for assisted repair and regeneration of cartilage and other tissue | Buschmann, Michael D.; McKee, Marc D.; Hoemann, C.D. | 01/01/2001 |
| Composition for cytocompatible, injectable, self-gelling polysaccharide solutions for encapsulating and delivering live cells | Buschmann, Michael D.; Hoemann, C.D.; Chenite, A.; Sun, J.; Serriqi, A. | 01/01/2002 |
| Gel formation of polyelectrolyte aqueous solutions by thermally induced changes in ionisation state | Buschmann, Michael D.; Fillion, D.; Lavertu, M. | 01/01/2007 |
| Composition and method for efficient delivery of nucleic acids to cells using chitosan | Buschmann, Michael D.; Lavertu, M.; Methot, S. | 01/01/2007 |
| Method for the spectral | Ismail, Ashraf; Kirkwood, J.; | |

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| identification of microorganisms. | Sedman, J.; Ghetler, A.; Pinchuk, T. | 01/01/2006 |
| Broadband optical space switch | Kirk, Andrew; Menard, M. | 01/01/2005 |
| Integrated etched multilayer grating based wavelength demultiplexer. | Kirk, Andrew; Bisailon, E. | 01/01/2005 |
| Sequence and method for increasing protein expression in cellular expression in cellular systems | Latterich, Martin; Powell, Kendall | 10/05/2005 |
| Amphiphilic diblock, triblock and star-block copolymers and their pharmaceutical compositions | Leroux, Jean-Christophe; Lele, B.S. | 28/03/2006 |
| pH-sensitive polymers | Leroux, Jean-Christophe; Yessine, M.A.; Petereit, H.U.; Meier, C.; Schultes, D. | 01/01/2006 |
| pH-sensitive block copolymer for pharmaceutical compositions | Leroux, Jean-Christophe; Sant, V.S. | 22/08/2006 |
| Polymeric binders for celiac disease | Leroux, Jean-Christophe; Nasser-Eddine, M. | 14/11/2005 |
| Hydrophilic core polymeric micelles for the delivery of water-soluble compounds. | Leroux, Jean-Christophe; Jones, M.C.; Tewari, P. | 05/04/2005 |
| Composition à propriétés gélifiantes destinée à la délivrance prolongée de substances bio-actives | Leroux, Jean-Christophe; Couffin-Hoarau, A.C. | 08/06/2006 |
| Water-soluble stabilized self-assembled polyelectrolytes. | Leroux, Jean-Christophe; Ranger, Maxime | 06/09/2005 |
| Histidine platform NaChBac as a general tool and a specific tool for quantum-dot based cellular voltage sensing | Nadeau, Jay Louise | 01/03/2006 |
| Electrochemical immunosensor for C-reactive protein | Omanovic, Sasha; Hennessey, H.; Padjen, A.L. | 01/06/2006 |
| Electrochemical passivation of stainless steel 316LVM | Omanovic, Sasha; Shahryari, A.; Bousaleh, Z. | 01/03/2006 |
| Bacterial cells/enzyme for | Prakash, Satya; Jones, M.L. | |

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| lowering cholesterol | | 01/01/2004 |
| Microencapsulated genetically engineering microorganisms for clinical application. | Prakash, Satya; Chang, T.M.S. | 01/01/2001 |
| Near infrared emitting InGaP(InP)3ZnS quantum dots | Tabrizian, Maryam; Sandros, M. G. | 01/08/2007 |
| Digital microfluidic-based nanostructured SPR-array sstem for detection of DNA, proteins and small molecules. | Veres, Téodor; Tabrizian, Maryam; Malic, L.; Cui, B. | 21/02/2007 |
| Production of a Contractile Smooth Muscle | Auger, François A.; Germain, Lucie; L'Heureux, N. | 11/09/2003 |
| Therapeutic Applications of Chimeric Organogenesis | Germain, Lucie; Auger, François A.; Rouabhia, M.; Lafleur, L. | 09/06/2004 |
| Optical Measurement of Cellular Energetics | Burns, David; Schenkman, K.; Arakaki, L.S.L.; Ciesielski, W.A.; Fiegl, E. | 01/11/2007 |
| Oxidative Stress Measurement Device and Related Methods | Burns, David; Schipper, H.; Bandilla, D.; Rosendahl, S. | 01/11/2004 |
| Production of Oriented Plastics by Roll-drawing | Dumoulin, Michel; Ajji, A.; Dufour, J. | 07/12/1997 |
| Non-linear morphing of faces and their dynamics | Charette, Paul; Hunter, P.J.; Nielsen, P.M.F.; Bullivant, D.; Sagar, M.; Lafontaine, S. | 01/01/2005 |
| Basis functions of three-dimensional models for compression, transformation and streaming | Charette, Paul; Hunter, P.J.; Nielsen, P.F.; Bullivant, D.; Sagar, M.; LaFontaine, S. | 01/01/2002 |
| Apparatus and method for rapid 3D image parametrization | Charette, Paul; Hunter, I.W. | 01/01/2000 |
| Method and Device for Flowing a Liquid on a Surface | Juncker, David; Delamarche, E.; Schmid, H.; Michel, B. | 01/01/2004 |
| Confinement of fluids on surfaces | Juncker, David; Delamarche, E.; Schmid, H. | 01/01/2005 |
| Large scale microfluidic systems | Juncker, David; Nannini, M.; Logiudice, V. | 01/01/2006 |
| Electron Microscopy Cell Fraction Sample Preparation Robot | Kearney, Robert; Waterbury, R.G.; Bergeron, J. | 01/07/2002 |

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| Method of controlling magnetotactic bacteria | Martel, Sylvain | 04/06/2004 |
| Method and system for controlling micro-objects or micro-particles | Martel, Sylvain | 06/06/2005 |
| MR-tracking based on magnetic signature selective excitation | Martel, Sylvain; Mathieu, J.B.; Felfoul, O.; Beaudoin, G. | 23/06/2005 |
| Method and Kit for Intracellular Delivery | Nadeau, Jay Louise | 01/12/2007 |
| Use of quantum dots as biological labels and sensors | Nadeau, Jay Louise | 05/10/2005 |
| Improved ion channel biosensor | Nadeau, Jay Louise; White, V.; Maurer, J.A.; Dougherty, D.A. | 01/09/2003 |
| Microencapsulated and/or Immobilized Enzyme and/or Bacteria for Lowering Bile Acid and/or Cholesterol. | Prakash, Satya; Jones, M.L. | 01/01/2004 |
| Cell and Enzyme Compositions for Modulating Bile Acids, Cholesterol and Triglycerides | Prakash, Satya; Jones, M.L. | 01/01/2004 |
| Microcapsule carbon nanotube device | Prakash, Satya; Chen , H.; Nalamasu, O.; Raja , P.; Ajayan , P.M. | 21/11/2006 |
| Cells enzyme and its compositions for modulating bile acids, cholesterol and tri glycerides. | Prakash, Satya; Jones, M.L. | 01/01/2006 |
| Novel method to produce enzyme feruloyl esterase and ferulic acid and their application thereof | Prakash, Satya; Bhathena, J. | 01/01/2007 |
| Microcapsule yoghurt formulation and their use in probiotic delivery. | Prakash, Satya; Urbanska, A. | 01/01/2006 |
| Microcapsule formulation and their use in liver failure therapy. | Prakash, Satya; Bhathena, J. | 01/09/2007 |
| A Microdevice for a Fluorescence-based Assay, and a Method for Making the Microdevice | Veres, Téodor ; Diaz-Quijada, G.A. | 23/11/2006 |

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| Method and microfluidic device for parallel micro-arraying of biological and chemical species through projection lithography | Veres, Téodor; Roy, E.; Geissler, M.; Diaz-Quijada, G.A. | 01/01/2007 |
| Fluorescence reading instrument and method to detect particle-grafted fluorescent sensors confined by micro-electromagnetic traps (μ -EMT) | Veres, Téodor; Boudreau, D.; Gravel, J-F.; Voisin, B.; Drogoff, B.L. | 01/01/2007 |
| Folic acid-chitosan-DNA nanoparticles | Winnik, Francoise; Fernandes, J.; Mansouri, S.; Yan, C.E. | 12/11/2004 |
| Phosphorylcholine containing polymers and their preparation | Winnik, Francoise; Miyazawa, K.; Yanaki, T. | 05/05/2001 |
| Phosphorylcholine containing polysaccharides and their preparation | Winnik, Francoise; Miyazawa, K.; Yanaki, T. | 04/04/2002 |
| Phosphorylcholine group-containing polymers, their manufacture, and topical preparations | Winnik, Francoise; Miyazawa, K.; Hariki, T. | 01/01/2003 |
| Novel non-phospholipid liposomes modified with a pH and temperature sensitive copolymer with highly efficient cytoplasmic delivery | Winnik, Francoise; Polozova, A.; Andrews, D.W. | 20/05/2000 |