

## **BDI INTELLECTUAL PROPERTY 2005–2010**

### **PATENT APPLICATIONS**

#### **2009**

Garcia Cordero J., Ricco A., Ducree J., Lee L., Benito Lopez F., 2009. Microfluidic single use valve and microfluidic systems incorporating said valve. GB901115.6 filed 23rd Jan 2009 (DCU).

Bakker J., Kurzbuch D., Ruckstuhl T., Melin J. 2009. Super Critical Angle Fluorescence Scanning System. US61/163,363 filed 25th March 2009 (DCU).

Barry T., Maher M., O'Grady J., Smith T. 2009. Nucleic acid sequences based on *ssrA* and its transcript *tmRNA* from the identification of *Staphylococcus aureus*. IE 2009/0288 filed 9th April 2009 (NUIG).

Killard T., Dudek M., Mendel-Hartvig I., Öhman O., 2009. A lateral flow micropillar device and assay for blood coagulation monitoring. GB0906967.5 filed 23<sup>rd</sup> April 2009 (DCU/Amic Ab).

Gandhiraman R., Basabe-Desmonts L., Volcke C., Daniels S., Gubala V. 2009. A method of modifying a polymeric surface. EP09394010.4 filed 13th May 2009 (DCU).

Gandhiraman R., Basabe-Desmonts L., Riaz A., Lee L., Dimov I. 2009. Method of Surface treating microfluidic devices. GB0910626.1 filed 20th June 2009 (DCU).

Basabe-Desmonts L., Dimov I., Garcia Cordero J. 2009. Microfluidic blood filtering and immunoassay device. GB0919053.9 filed 30th October 2009 (DCU).

Gubala V., Le Guevel X., Nooney R. 2009. Biomolecular Labels. GB0917984.7 filed 14th October 2009. (DCU)

#### **2008**

Forster R., Keyes T., Brennan, J. 2008. Modulation of charge transport in ruthenium metallopolymer films via controlled addition of monolayer-protected clusters. US61/021,487P filed 16th Jan 2008 (DCU).

Nooney R., Stranik O. 2008. Optimising the brightness of a near infra-red dye doped silica nanoparticle label for biomedical diagnostics. US61/021,760P filed 17th Jan 2008 (DCU).

Garcia Cordero J., Ricco A., 2008. A cuvette with a restricted region for concentrating predetermined constituents (CD based device for determination of somatic cell counts in milk). GB0801991.1 filed 4th Feb 2008 (DCU).

Kent N., Lincoln B., Basabe-Desmonts L., Ricco A., Kenny D., Meade G., Corcoran B. 2008. Microfluidic device for assessing cell surface interactions (Platelet Function Assay) GB0802084.4 filed 5th Feb 2008. (DCU/RCSI)

Melin J., Joensson Christina. 2008. Assay method and Device. SE 0800000871 filed 16th April 2008 (Amic AB).

Dimov I., Ducree J., Lee L., 2008. Microfluidic multiplexed cellular and molecular analysis device and method. GB 0818579.5 filed 10th Oct 2008 (DCU).

Basabe-Desmonts L., Ricco A., Kenny D., Ramstrom S., Meade G., O'Neill S., Riaz A., Lee L., 2008. Platelet Analysis (Single Platelet Capture Device) GB0818614.0 filed 10th Oct 2008 (DCU/RCSI).

## **2007**

MacCraith B., Trnavsky M. 2007. Optical biochip platform with a plasmonic structure. US60/955,504P filed 13th Aug 2007 (DCU).

Forster R., Keyes T., Pellegrin Y., Cosgrave L., Devocelle M., Moran N., Kenny D. 2007. Imaging dyes and uses thereof. US 61/006,105 filed 19th Dec 2007 (DCU/RCSI).

## PCT APPLICATIONS

### 2010

Garcia Cordero J., Ricco A., Ducree J., Lee L., Benito Lopez F., 2010. Microfluidic single use valve and microfluidic systems incorporating said valve. PCT/EP10/50801 filed 25th January 2010 (DCU).

### 2009

Nooney R., Stranik O., 2009. Dye-doped nanoparticles, A method of manufacture of same and a method of determining the percentage weight of a dye. PCT/EP09/050570 filed 19th Jan 2009. Published as WO2009/090267 (DCU).

Garcia Cordero J., Ricco A., O'Kennedy R. 2009. A milk analysis microfluidic apparatus for detecting mastitis in a milk sample. PCT/EP09/051284 filed 4th Feb 2009. Published as WO2009/098237 (DCU)

Kent N., Lincoln., Basabe-Desmonts L., Ricco A., Kenny D., Meade G., Corcoran B. 2009. Microfluidic device for assessing cell surface interactions (Platelet Function Assay). PCT/EP09/051346 filed 5th Feb 2009. Published as WO2009/098272 (DCURCSI)

Melin J., Joensson Christina. Assay method and Device. 2009. PCT/SE09/050380 filed 14th April 2009. Published as WO2009/128774 (Amic AB)

Dimov I., Ducree J., Lee L., 2009. Microfluidic multiplexed cellular and molecular analysis device and method. PCT/EP09/063229 filed 9th October 2009 (DCU)

Basabe-Desmonts L., Ricco A., Kenny D., Ramstrom S., Meade G., O'Neill S., Riaz A., Lee L., 2009. Platelet Analysis (Single Platelet Capture Device). PCT/EP2009/063298 filed 12th Oct 2009 (DCU/RCSI).

### 2008

Forster R., Keyes T., Pellegrin Y., Cosgrave L., Devocelle M., Moran N., Kenny D. 2008. Imaging dyes and uses thereof. PCT/IE08/000122 filed 19th Dec 2008. Published as WO2009/078000 (DCU/RCSI).

### 2007

MacCraith B., Trnavsky M. 2007 . Optical biochip platform with a plasmonic structure. 2008. PCT/EP08/60621 filed 13th Aug 2008. Published as WO2009/021964 (DCU).