## BI-70 Attachment A

## **Innovation Patents**

| Broad Technology<br>Area       | IPC Symbol | Examples of technologies in this IPC subclass  | Financial<br>Year<br>2008-2009 | Financial<br>Year<br>2009-2010 | 1-07-2010<br>to<br>20-06-2011 |
|--------------------------------|------------|--|--------------------------------|--------------------------------|-------------------------------|
| Biotech, Genes                 | 040N       | Micro-organisms, enzymes, DNA molecules or genes isolated  | 4                              | 0                              | 0                             |
|                                | C12N       | from any organism, genetic engineering methods   | 1                              | 0                              | 2                             |
|                                | C12P       | Fermentation processes for preparing chemical compounds  | 0                              | 1                              | 0                             |
|                                | G01N/33    | Measurement of biological materials  | 0                              | 3                              | 1                             |
|                                | C12Q       | Measuring or testing processes using micro-organisms, enzymes; DNA and RNA based genetic diagnostics | 7                              | 0                              | 0                             |
| Medicines                      | A61K       | Pharmaceutical preparations used in medicine and dentistry   | 22                             | 14                             | 29                            |
|                                | A61P       | Pharmaceutical preparations for specific disorders   | 1                              | 4                              | 0                             |
| Health/Medical<br>Technologies | A61B       | Instruments for diagnosis and surgery  | 3                              | 8                              | 21                            |
|                                | A61C       | Dentistry  | 3                              | 1                              | 3                             |
|                                | A61F       | Medical devices  | 12                             | 15                             | 6                             |
|                                | A61G       | Appliance for aiding patients  | 6                              | 4                              | 4                             |
|                                | A61H       | Physical therapy apparatus   | 3                              | 4                              | 8                             |
|                                | A61J       | Containers and devices for medical or pharmaceutical purposes  | 4                              | 2                              | 4                             |
|                                | A61L       | Apparatus for sterilising, disinfecting materials  | 3                              | 4                              | 3                             |
|                                | A61M       | Devices for transducing body media   | 16                             | 3                              | 8                             |
|                                | A61N       | Electrotherapy, Magnetotherapy, Radiation therapy  | 2                              | 1                              | 3                             |
| Total                          |            |  | 83                             | 64                             | 92                            |

## **Standard Patents**

| Broad Technology               | IDC Corrects of   | Everyoles of technologies in this IDO subsless   | Financial<br>Year | Financial<br>Year | 1-07-2010<br>to |
|--------------------------------|-------------------|--|-------------------|-------------------|-----------------|
| Area                           | IPC Symbol        | Examples of technologies in this IPC subclass  | 2008-2009         | 2009-2010         | 20-06-2011      |
| Biotech, Genes                 | C12N              | Micro-organisms, enzymes, DNA or genes isolated from any organism, genetic engineering methods       | 686               | 682               | 625             |
|                                | C12Q              | Measuring or testing processes using micro-organisms, enzymes, DNA and RNA based genetic diagnostics | 322               | 366               | 273             |
|                                | C07G              | Compounds of unknown constitution  | 1                 | 4                 | 0               |
|                                | C07K              | Peptides   | 784               | 787               | 749             |
|                                | C12P              | Fermentation processes for preparing chemical compounds  | 102               | 97                | 115             |
|                                | C12R              | Processes using micro-organisms  | 0                 | 0                 | 1               |
|                                | C12M              | Apparatus for enzymology or microbiology   | 43                | 50                | 54              |
|                                | G01N/33           | Measurement of biological materials  | 339               | 309               | 283             |
| Medicines                      | A61K              | Pharmaceutical preparations used in medicine and dentistry   | 2333              | 2247              | 2031            |
|                                | A61P              | Pharmaceutical preparations for specific disorders   | 56                | 63                | 49              |
| Health/Medical<br>Technologies | A61B              | Instruments for diagnosis and surgery  | 987               | 932               | 921             |
|                                | A61C              | Dentistry  | 52                | 74                | 64              |
|                                | A61F              | Medical devices  | 658               | 623               | 691             |
|                                | A61G              | Appliance for aiding patients  | 39                | 43                | 34              |
|                                | A61H              | Physical therapy apparatus   | 33                | 48                | 53              |
|                                |                   | Containers and devices for medical or pharmaceutical   |                   |                   |                 |
|                                | A61J              | purposes   | 67                | 33                | 38              |
|                                | A61L              | Apparatus for sterilising, disinfecting materials  | 266               | 234               | 194             |
|                                | A61M              | Devices for transducing body media   | 517               | 472               | 539             |
|                                | A61N              | Electrotherapy, Magnetotherapy, Radiation therapy  | 157               | 150               | 143             |
|                                | A61D              | Veterinary Instruments   | 6                 | 6                 | 7               |
| Total                          |                   |  | 7448              | 7220              | 6864            |
| Total Patent Appli             | cations (Innovati | on + Standard)   | 7531              | 7284              | 6956            |