1 INVENTIONS

1.1 REGISTERED INVENTIONS (PCT)

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<tr>
<th>No.</th>
<th>Registration Number</th>
<th>Registrant</th>
<th>Title</th>
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<tr>
<td>1</td>
<td>1/2007/501564</td>
<td>BAYER INTELLECTUAL PROPERTY GMBH [DE]</td>
<td>USE OF TETRAMIC ACID DERIVATIVES FOR THE CONTROL OF INSECTS OF THE PLANT LOUSE SPECIES (STERNORRHYNCHA)</td>
<td>16 April 2018</td>
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<td>2</td>
<td>1/2012/500946</td>
<td>OMYA DEVELOPMENT AG [CH]</td>
<td>ACID MODIFIED NATURAL MINERAL FILLER TO INITIATE THE BETA-NUCLEATION OF POLYPROPYLENE</td>
<td>16 April 2018</td>
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<td>3</td>
<td>1/2012/501447</td>
<td>NTT DOCOMO, INC. [JP]</td>
<td>AUDIO SIGNAL ENCODING METHOD, AUDIO SIGNAL DECODING METHOD, ENCODING DEVICE, DECODING DEVICE, AUDIO SIGNAL PROCESSING SYSTEM, AUDIO SIGNAL ENCODING PROGRAM, AND AUDIO SIGNAL DECODING PROGRAM</td>
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<td>4</td>
<td>1/2012/501516</td>
<td>NORDIC NANOVECTOR AS [NO]</td>
<td>RADIOIMMUNOCONJUGATES AND USES THEREOF</td>
<td>16 April 2018</td>
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<td>5</td>
<td>1/2012/501894</td>
<td>Merial, Inc. [US]</td>
<td>PARASITICIDAL COMPOSITIONS COMPRISING MULTIPLE ACTIVE AGENTS, METHODS AND USES THEREOF</td>
<td>16 April 2018</td>
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<td>6</td>
<td>1/2013/500780</td>
<td>STEPAN COMPANY [US]</td>
<td>ALKOXYLATED FATTY ESTERS AND DERIVATIVES FROM NATURAL OIL METATHESIS</td>
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<td>7</td>
<td>1/2013/500788</td>
<td>JX NIPPON MINING &amp; METALS CORPORATION [JP]</td>
<td>CARRIER-ATTACHED COPPER FOIL</td>
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<td>8</td>
<td>1/2013/501126</td>
<td>JANSSEN PHARMACEUTICA NV [BE]</td>
<td>NOVEL ANTIFUNGAL 5,6-DIHYDRO-4H-PYRROLO[1,2-a][1,4]-BENZODIAZEPINES AND 6H-PYRROLO[1,2-a][1,4]BENZODIAZEPINES SUBSTITUTED WITH BICYCLIC BENZENE DERIVATIVES</td>
<td>16 April 2018</td>
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| #  | Application No. | Applicant(s) | Description | Date

9 | 1/2013/501166 | UNILEVER N.V. [NL] | WATER CLARIFICATION COMPOSITION AND PROCESS | 16 April 2018

10 | 1/2013/501267 | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR]; PIERRE FABRE DERMO-COSMETIQUE [FR] and UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) [FR] | NOVEL BACTERIUM AND EXTRACTS OF SAID BACTERIUM AND THE USE OF SAME IN DERMATOLOGY | 16 April 2018

11 | 1/2013/501409 | DOW AGROSCIENCES LLC [US] | NUCLEIC ACID MOLECULES THAT CONFER RESISTANCE TO COLEOPTERAN PESTS | 16 April 2018

12 | 1/2013/501845 | BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED [GB] and BRITISH AMERICAN TOBACCO JAPAN, LTD. [JP] | SMOKING ARTICLE AND METHOD OF MANUFACTURING A SMOKING ARTICLE | 16 April 2018

13 | 1/2013/502035 | THE COCA-COLA COMPANY [US] | MERCHANDISER | 16 April 2018

14 | 1/2013/502048 | ASTRAZENECA AB [SE] | THERAPEUTIC TREATMENT | 16 April 2018

15 | 1/2013/502542 | HANMI PHARM CO., LTD. [KR] | PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE INHIBITING THE GROWTH OF CANCER CELLS AND NON-METALLIC SALT LUBRICANT | 16 April 2018

16 | 1/2013/502621 | BHARAT BIOTECH INTERNATIONAL LIMITED [IN] | VACCINE COMPOSITION COMPRISING AN INACTIVATED CHIKUNGUNYA VIRUS STRAIN | 16 April 2018

17 | 1/2014/500470 | INCYTE HOLDINGS CORPORATION [US] | HETEROCYCLYLAMINES AS P13K INHIBITORS | 16 April 2018

18 | 1/2014/500474 | NOVOMATIC AG [AU] | GAMING DEVICES AND METHODS OF OPERATING THEM | 16 April 2018

19 | 1/2014/501037 | KAKAO CORP. [KR] | INSTANT MESSAGING SERVICE AND METHOD FOR PROVIDING PLURALITY OF SERVICES EXTENDED FROM INSTANT MESSAGING SERVICE | 16 April 2018

20 | 1/2014/502013 | CRUCELL HOLLAND B.V. [NL] | VACCINE AGAINST RSV | 16 April 2018
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<th>Application No.</th>
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<th>Title of Invention</th>
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<tr>
<td>21</td>
<td>1/2014/502595</td>
<td>TELEFONAKTIEBOLaget L M ERICSSON (PUBL) [SE]</td>
<td>CELL UPDATE FOR OPTIMIZED SYSTEM ACCESS PROCEDURES BETWEEN BASE STATION SUBSYSTEMS AND MOBILE STATIONS</td>
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<td>NTT DOCOMO, INC. [JP]</td>
<td>VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION DECODING DEVICE AND VIDEO PREDICTION DECODING METHOD</td>
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<td>1/2015/500625</td>
<td>QUALCOMM INCORPORATED [US]</td>
<td>HYPOTHETICAL REFERENCE DECORDER PARAMETER SYNTAX STRUCTURE</td>
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<td>1/2015/500684</td>
<td>KIND CONSUMER LIMITED [GB]</td>
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<td>25</td>
<td>1/2015/500844</td>
<td>INFOBRIDGE PTE. LTD. [SG]</td>
<td>METHOD OF DECODING VIDEO DATA</td>
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<td>26</td>
<td>1/2015/500994</td>
<td>SAMSUNG ELECTRONICS CO., LTD. [KR]</td>
<td>VIDEO ENCODING METHOD AND APPARATUS USING TRANSFORMATION UNIT OF VARIABLE TREE STRUCTURE, AND VIDEO DECODING METHOD AND APPARATUS</td>
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<td>27</td>
<td>1/2015/501063</td>
<td>EVONIK FIBRES GMBH [AU]</td>
<td>CONTROL OF GAS COMPOSITION OF A GAS SEPARATION SYSTEM HAVING MEMBRANES</td>
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<td>28</td>
<td>1/2015/502118</td>
<td>IDORSIA PHARMAceUTICALS LTD [CH]</td>
<td>PYRIDIN-4-YL DERIVATIVES</td>
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<td>RHIZEN PHARMAceUTICALS SA [CH]</td>
<td>SELECTIVE PI3K DELTA INHIBITORS</td>
<td>16 April 2018</td>
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<td>30</td>
<td>1/2016/501076</td>
<td>NIPPON STEEL &amp; SUMIKIN MATERIALS CO., LTD. [JP] and NIPPON MICROMETAL CORPORATION [JP]</td>
<td>BONDING WIRE FOR SEMICONDUCTOR DEVICE</td>
<td>16 April 2018</td>
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