

PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pfizer Inc.	10/01/2012

RECEIVING PARTY DATA

Name:	AH USA 42 LLC
Street Address:	235 East 42nd Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10017

PROPERTY NUMBERS Total: 65

Property Type	Number
Patent Number:	5583015
Patent Number:	5576199
Patent Number:	6001822
Patent Number:	5475117
Patent Number:	5807867
Patent Number:	6222038
Patent Number:	5981500
Patent Number:	5393762
Patent Number:	5801023
Patent Number:	5852031
Patent Number:	5811130
Patent Number:	5667785
Patent Number:	5536496
Patent Number:	5643902
Patent Number:	5616328

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Patent Number:	5695769
Patent Number:	6083512
Patent Number:	5892040
Patent Number:	6020329
Patent Number:	6500438
Patent Number:	7018640
Patent Number:	6495146
Patent Number:	6627205
Patent Number:	6019986
Patent Number:	6090394
Patent Number:	6906184
Patent Number:	6797701
Patent Number:	7074894
Patent Number:	6500662
Patent Number:	6890929
Patent Number:	6610847
Patent Number:	7687507
Patent Number:	6733754
Patent Number:	7393535
Patent Number:	6572861
Patent Number:	6814971
Patent Number:	7172762
Patent Number:	6984378
Patent Number:	7229615
Patent Number:	8273356
Patent Number:	7897151
Patent Number:	6887472
Patent Number:	7129350
Patent Number:	7355040
Patent Number:	6825344
Patent Number:	7192963
Patent Number:	6962993
Patent Number:	6696567
Patent Number:	6989238
Patent Number:	7534441

	8092808
Patent Number:	7563449
Patent Number:	7687533
Patent Number:	7803832
Patent Number:	8084486
Patent Number:	7435753
Patent Number:	7960426
Patent Number:	7514464
Patent Number:	7122191
Patent Number:	7790169
Patent Number:	7968584
Patent Number:	7538134
Patent Number:	7645786
Patent Number:	8133899
Patent Number:	7802541

**CORRESPONDENCE DATA**

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Correspondent Name: Martha A. Gammill  
Address Line 1: 7000 Portage Road  
Address Line 4: Kalamazoo, MICHIGAN 49001

**NAME OF SUBMITTER:** Martha A. Gammill

**Total Attachments: 43**  
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## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is made effective as of October 1, 2012 (the "Effective Date"), by and between Pfizer Inc., a corporation organized under the laws of Delaware ("Assignor") and AH USA 42 LLC, a limited liability company organized under the laws of Delaware ("Assignee"). Assignor and Assignee are sometimes referred to herein individually as a "Party" and collectively as the "Parties." Capitalized terms used but not defined herein shall have the meaning ascribed to such terms in the Contribution Agreement (as defined herein).

### RECITALS:

WHEREAS, the Assignor is the owner of the patents and applications therefor identified on Schedule A hereto (collectively, the "Assigned Patent Rights"); and

WHEREAS, pursuant to the Asset Contribution Agreement, dated as of October 1, 2012 between Assignor and Assignee, (the "Contribution Agreement") Assignor is assigning to the Assignee all of Assignor's right, title and interest in, to and under the Assigned Patent Rights;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged and in consideration of the mutual agreements, provisions and covenants contained in this Assignment, the Parties, intending to be legally bound, hereby agree as follows:

1. **Conveyance.** Assignor hereby sells, assigns, transfers, and conveys to Assignee its entire right, title and interest in, to and under (a) the Assigned Patent Rights, for the United States and for all foreign countries, including any and all (i) divisionals, continuations, and continuations-in-part that claim priority to any Assigned Patent Rights to the extent the claims thereof are entirely supported by such Assigned Patent Rights, (ii) reissues, renewals, extensions, or additions of the Assigned Patent Rights, (iii) foreign equivalents of the Assigned Patent Rights, and (iv) rights to apply for, prosecute and obtain patents in respect of any of the inventions to the extent fully supported by the Assigned Patent Rights in any country of the world, including the right to claim priority from the Assigned Patent Rights under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States is a party and which afford similar priority-claiming privileges, in all countries of the world, and (b) the right to sue for and to recover damages and other remedies in respect of any past, present or future infringement or other unauthorized use of the Assigned Patent Rights.
2. **Issuance and Recordation.** Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue any and all Assigned Patent Rights to Assignee, its successors and assigns, in accordance with the terms of this Assignment. Assignor hereby requests the Commissioner of Patents and Trademarks, and the corresponding entities or agencies in any applicable foreign jurisdiction, to record Assignee as the assignee and owner of the Assigned Patent Rights. Assignee shall have the right to record this Assignment with all applicable government authorities and registrars so as to

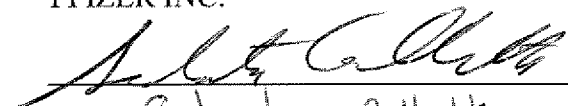
perfect its ownership of the Assigned Patent Rights.

3. **No Modification.** Nothing contained in this Assignment is intended to or shall be deemed to modify, alter, amend or otherwise change any of the rights or obligations of Assignee or Assignor under the Contribution Agreement or any other agreement entered into by the Parties or any of their affiliates in connection with the GSA. Without limiting the foregoing, in the event and to the extent that there shall be a conflict between the provisions of this Agreement and the provisions of the Contribution Agreement, the Contribution Agreement shall control.
4. **Successors and Assigns.** This Assignment shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.
5. **Counterparts.** This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same agreement and shall become effective when one or more counterparts have been signed by each of the Parties and delivered to the other Party, it being understood that both Parties need not sign the same counterpart.
6. **Interpretation.** The Article and Section headings contained in this Assignment are solely for the purpose of reference, are not part of the agreement of the Parties and shall not in any way affect the meaning or interpretation of this Assignment.
7. **Further Assurances.** Assignor and Assignee hereby covenant and agree, without the necessity of any further consideration, to execute, acknowledge, and deliver any and all such other documents and take any such other action as may be reasonably necessary or appropriate to implement this Assignment and carry out the intent and purposes of this Assignment.
8. **Governing Law.** This Assignment shall be governed by and construed and interpreted in accordance with the laws of the State of New York.
9. **Jurisdiction.** Any judicial proceeding brought by either of the Parties hereunder against the other with respect to this Assignment may be exclusively brought in the courts of the State of New York, and, by its execution and delivery of this Assignment, Assignor (a) accepts, generally and unconditionally, the jurisdiction of such courts and irrevocably agrees to be bound by any judgment rendered thereby and (b) irrevocably waives any objection it may now or hereafter have as to the venue of any suit, action or proceeding brought in such a court or that such court is an inconvenient forum. Assignor consents that service of process upon it may be made by certified or registered mail, return receipt requested, at its address specified or determined above and service so made shall be deemed completed when received. Nothing herein shall affect the right to serve process in any other manner permitted by law or shall limit the right of Assignee to bring proceedings against Assignor in the courts of any other jurisdiction.

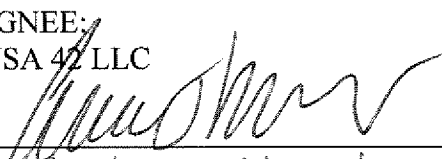
*[Signature page follows]*

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.


ASSIGNOR:  
PFIZER INC.

  
Name: Salvatore Colletti  
Title: Assistant Secretary


ASSIGNEE:  
AH USA 42 LLC

  
Name: Andrew Muratore  
Title: President

WITNESSED AS TO BOTH BY:

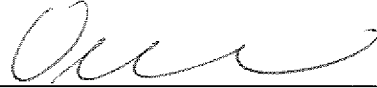
  
Name: Alexis Ariel Fera  
Nationality: American  
Title: Administrative Assistant  
Commercial address:  
235 E. 42<sup>nd</sup> Street  
New York, NY 10017

WITNESSED AS TO BOTH BY:

  
Name: Gary Ross Grenasse  
Nationality: USA  
Title: Senior Specialist  
Commercial address:  
235 E 42<sup>nd</sup> NYC 10017

STATE OF NEW YORK     )  
  )SS.  
COUNTY OF NEW YORK    )

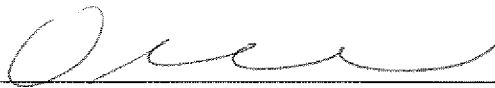
This instrument was executed before me on this 21 day of September, 2012, by Salvatore Coletti, the Assistant Secretary (title) of Pfizer Inc., a corporation organized under the laws of Delaware, on behalf of said corporation.



Notary Public  
VERONICA DICAMILLO  
Notary Public of the State of New York  
Qualified in New York County  
No. 02DI6201545  
My Commission Expires Mar. 2, 2013

STATE OF NEW YORK     )  
  )SS.  
COUNTY OF NEW YORK    )

This instrument was executed before me on this 17 day of September, 2012, by Andrew Mature, the President (title) of AH USA 42 LLC, a limited liability company organized under the laws of Delaware on behalf of said limited liability company.



Notary Public  
VERONICA DICAMILLO  
Notary Public of the State of New York  
Qualified in New York County  
No. 02DI6201545  
My Commission Expires Mar. 2, 2013



**SCHEDULE A**  
**ASSIGNED PATENTS**

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
006977C	Argentina	305.233	15-Sep-86			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
007988A	Argentina	322427	29-May-92	255219	5-Sep-01	Quinclidine Derivatives
8385	Argentina	327200	17-Jan-94	253.433	28-Jun-99	Antiparasitic Agents
008787A	Argentina	P960105774	19-Dec-96	AR005147	31-Mar-06	Injectable Quinolone Formulations
9059	Argentina	308684	10-Sep-87	AR253593	27-Aug-99	Pyrido(3,2,1-ij)-1,3,4 Benzoxadiazine Derivatives
009424A	Argentina	P970105679	3-Dec-97	AR013879B1	29-Mar-07	Parasiticidal Pyrazoles
009452A	Argentina	P980103834	3-Aug-98	AR016388 B1	29-Sep-06	Improved Process For Antiparasitic Agent
009461A	Argentina	P990105840	17-Nov-99	AR023062B1	31-Jan-11	Antiparasitic Formulations
026082A	Argentina	P040104692	16-Dec-04			New Fluorinated Arylpyrazoles
033245A	Argentina	P090102382	26-Jun-09			Novel Adjuvant Compositions
033634A	Argentina	P080102793	27-Jun-08			Anthelmintic Combination
033701A	Argentina	P090103164	18-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Argentina	P080105537	18-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	Argentina	P090103145	14-Aug-09			Substituted Imidazole Combinations
033857A	Argentina	P090104645	2-Dec-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Argentina	P100100431	15-Feb-10			High Dosage Doramectin Formulation
33979	Argentina	P110104212	10-Nov-11			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
033997A	Argentina	P110100294	28-Jan-11			Topical Antiparasitic Formulations
071647A	Argentina	P110100535	22-Feb-11			Veterinary Compositions
071661A	Argentina	P110101750	20-May-11			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Argentina	P110102599	19-Jul-11			Parapoxvirus Vectors
071703A	Argentina	P110102823	4-Aug-11			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Argentina	P120102662	20-Jul-12			Interleukin-31 Monoclonal Antibody
071752A	Argentina	P120101502	27-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Argentina	PI20103114	23-Aug-12			Improved Vaccine Diagnostics

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
071769A	Argentina	P120100780	9-Mar-12			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
071867A	Argentina	Pending	Pending			Use of Aminoacetonitrile Derivatives Against EndoParasites
8385	Australia	58835/94	12-Jan-94	679033	9-Oct-97	Antiparasitic Agents
008787A	Australia	73289/96	13-Nov-96	709474	9-Dec-99	Injectable Quinolone Formulations
009031A	Australia	31413/93	13-Nov-92	667858	30-Jul-96	Gram-Negative Bacterial Vaccines
009032A	Australia	31430/93	13-Nov-92	669681	9-Oct-96	Pasteurella Multocida Toxoid Vaccines
009035C	Australia	64355/96	29-Aug-96	707841	4-Nov-99	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Australia	64939/94	29-Mar-94	689772	23-Jul-98	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Australia	59696/94	19-Jan-94	688301	2-Jul-98	Process For The Manufacture Of A Tricyclic Compound
009452A	Australia	731854	23-Jul-98	731854	19-Jul-01	Improved Process For Antiparasitic Agent
009461A	Australia	757892	20-Oct-99	757892	26-Jun-03	Antiparasitic Formulations
010433A	Australia	30065/00	25-Feb-00	769153	6-May-04	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Australia	2008302053	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal Sampling System
019794A	Australia	200068112	1-Sep-00	767822	27-Nov-03	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Australia	82001/98	9-Jul-98	725562	25-Jan-01	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
22142	Australia	25263/00	24-Dec-99	758133	26-Jun-03	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Australia	2008307732	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	Australia	2003283757	8-Dec-03			Veterinary Compositions For Treating Mastitis
025672A	Australia	2010201587	21-Apr-10			Veterinary Compositions For Treating Mastitis
025930A	Australia	2005223483	7-Mar-05	2005223483	6-Aug-09	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Australia	2004304717	15-Dec-04	2004304717	3-Mar-11	New Fluorinated Arylpyrazoles
033245A	Australia	2009263759	24-Jun-09			Novel Adjuvant Compositions
033256A <sup>1</sup>	Australia	2008310605	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	Australia	2008272646	16-Jun-08			Anthelmintic Combination

<sup>1</sup> Connie Gebhart is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
033701A	Australia	2009283844	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Australia	2008348022	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Australia	2009303845	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Australia	2009283835	4-Aug-09	2009283835		Substituted Imidazole Combinations
033857A	Australia	2009323784	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Australia	2010233409	2-Feb-10			High Dosage Doramectin Formulation
033974A	Australia	2010307250	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	Australia	2011210267	4-Jan-11			Topical Antiparasitic Formulations
034004A	Australia	2011213198	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Australia	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Australia	2011219452	15-Feb-11			Veterinary Compositions
007988A	Austria	SZ8/2007	1-Feb-07	SZ8/2007	13-Jun-07	Quinuclidine Derivatives
8385	Austria	SZ 3/2000	19-Jan-00	SZ 3/2000	18-Mar-02	Antiparasitic Agents
8385	Austria	EPO677054	12-Jan-94	E164586	1-Apr-98	Antiparasitic Agents
008787A	Austria	EP0868183	13-Nov-96	E212551	30-Jan-02	Injectable Quinolone Formulations
009035C	Austria	93909199.7	30-Mar-93	E258445	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Austria	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Austria	EP0680482	19-Jan-94	E151075	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Austria	SZ 39/2006	24-Nov-06	SZ 39/2006	28-Sep-07	Cyclic Ether Cephalosporins
009452A	Austria	98946289.0	23-Jul-98	E238333	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Austria	99972494.1	20-Oct-99	E288201	2-Feb-05	Antiparasitic Formulations
010305A	Austria	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Austria	000955970.9	1-Sep-00	E397892	11-Aug-08	Sampling System
22141	Austria	98931835.7	9-Jul-98	E458493	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Austria	SZ26/2010	6-Jul-10	SZ26/2010	13-Apr-11	Immunogenic LHRH Compositions And Methods Relating Thereto

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
22142	Austria	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Austria	04801410.4	15-Dec-04	E413809	12-Nov-08	New Fluorinated Arylpyrazoles
071804A <sup>2</sup>	Bangladesh	130/2012	13-May-12			Hendra And Nipah Virus G Glycoprotein Immunogenic Compositions
007988A	Belgium	2007C/001	11-Jan-07	2007C/001	6-Feb-07	Quinuclidine Derivatives
8385	Belgium	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Belgium	20000C1004	25-Jan-00	20000C1004	6-Jun-00	Antiparasitic Agents
008787A	Belgium	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Belgium	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Belgium	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Belgium	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Belgium	2006C/038	4-Dec-06	2006C/038	6-Feb-07	Cyclic Ether Cephalosporins
009452A	Belgium	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Belgium	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Belgium	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	Belgium	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Belgium	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Belgium	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Belgium	2010C/029	28-Jul-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Belgium	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Belgium	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
8385	Brazil	PI1100033-3	21-Aug-96	PI1100033-3	20-Jun-00	Antiparasitic Agents
008787A	Brazil	PI9612230-7	13-Nov-96	PI9612230-7	6-May-08	Injectable Quinolone Formulations
9170	Brazil	PI9602667-7	5-Jun-96			In Ovo Vaccination Against Coccidiosis
009452A	Brazil	PI9811826-9	23-Jul-98			Improved Process For Antiparasitic Agent
009461A	Brazil	PI9915458-7	20-Oct-99	PI9915458-7	19-Apr-11	Antiparasitic Formulations

<sup>2</sup> Henry M. Jackson Foundation for Advancement of Military Medicine is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
010433A	Brazil	PI0017588-9	19-Aug-10			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433A	Brazil	PI0008508-1	25-Feb-00			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Brazil	PI0816938-1	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	Brazil	PI0818300-7	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
026082A	Brazil	PI0417810-6	15-Dec-04			New Fluorinated Arylpyrazoles
033245A	Brazil	PI0913954-0	24-Jun-09			Novel Adjuvant Compositions
033256A	Brazil	PI0818248-5	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	Brazil	PI0813235-6	16-Jun-08			Anthelmintic Combination
033701A	Brazil	PI0917459-1	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Brazil	PI0819938-8	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Brazil	PI0920248-0	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Brazil	PI0916970-9	4-Aug-09			Substituted Imidazole Combinations
033857A	Brazil	PI0920982-4	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Brazil	PI1008822-9	2-Feb-10			High Dosage Doramectin Formulation
033974A	Brazil	BR112012008946-3	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	Brazil	PCT/IB2011/050027	4-Jan-11			Topical Antiparasitic Formulations
034004A	Brazil	BR1120120195115	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Brazil	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Brazil	PCT/IB2011/050625	15-Feb-11			Veterinary Compositions
71881	Brazil	BR302012002084-0	26-Apr-12			Structural Arrangement For An In Ovo Injection Device
007988A	Bulgaria	07/0003	5-Feb-07			Quinclidine Derivatives
008787A	Bulgaria	102542	13-Nov-96	63933	9-Apr-03	Injectable Quinolone Formulations
006977C	Canada	518238	16-Sep-86	1340734	14-Sep-99	Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Canada	2152819	12-Jan-94	2152819	16-Mar-99	Antiparasitic Agents
008787A	Canada	2239352	13-Nov-96	2239352	4-Jun-02	Injectable Quinolone Formulations

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009031A	Canada	2123222	13-Nov-92	2123222	27-Feb-01	Gram-Negative Bacterial Vaccines
009035C	Canada	2133108	30-Mar-93	2133108	25-Jan-05	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Canada	2158651	29-Mar-94	2158651	1-Sep-09	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Canada	2153984	19-Jan-94	2153984	5-Aug-08	Process For The Manufacture Of A Tricyclic Compound
009452A	Canada	2296109	23-Jul-98	2296109	4-Nov-03	Improved Process For Antiparasitic Agent
009461A	Canada	2351730	20-Oct-99	2351730	5-Dec-06	Antiparasitic Formulations
010433A	Canada	2710788	3-Aug-10			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433A	Canada	2366896	25-Feb-00	2366896	19-Oct-10	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Canada	2698585	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019794A	Canada	2379479	1-Sep-00	2379479	30-Aug-11	Sampling System
22141	Canada	2294865	9-Jul-98			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Canada	2359111	24-Dec-99			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Canada	2700688	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	Canada	2517622	8-Dec-03	2517622	7-Apr-09	Veterinary Compositions For Treating Mastitis
025930A	Canada	2560510	7-Mar-05	2560510	13-Oct-09	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Canada	2549479	15-Dec-04	2549479	18-Aug-09	New Fluorinated Arylpyrazoles
033245A	Canada	2723786	24-Jun-09			Novel Adjuvant Compositions
033256A <sup>3</sup>	Canada	2702264	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	Canada	2690111	16-Jun-08	2690111	15-Nov-11	Anthelmintic Combination
033701A	Canada	2733359	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Canada	2710186	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Canada	2739469	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Canada	2731068	4-Aug-09			Substituted Imidazole Combinations

<sup>3</sup> Connie Gebhart is a joint owner of this patent.

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033857A	Canada	2744750	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Canada	2750626	2-Feb-10			High Dosage Doramectin Formulation
033974A	Canada	2775277	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	Canada	2784718	4-Jan-11			Topical Antiparasitic Formulations
034004A	Canada	2788071	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Canada	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Canada	PCT/IB2011/050625	15-Feb-11			Veterinary Compositions
007988A	Chile	494-92	20-May-92	41.321	23-Apr-02	Quinclidine Derivatives
8385	Chile	71-94	17-Jan-94	39960	10-May-99	Antiparasitic Agents
008787A	Chile	2307-96	20-Dec-96	41.496	21-Aug-02	Injectable Quinolone Formulations
026082A	Chile	3199-04	16-Dec-04	45.167	12-Jun-09	New Fluorinated Arylpyrazoles
033245A	Chile	1360-2010	24-Jun-09			Novel Adjuvant Compositions
033701A	Chile	2011-353	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Chile	2008-3845	19-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	Chile	01343-2011	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Chile	1775-2011	2-Feb-10			High Dosage Doramectin Formulation
071645A	Chile	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
8385	China P.R.	94101917.9	18-Jan-94	ZL94101917.9	4-Mar-99	Antiparasitic Agents
008787A	China P.R.	96199249.2	13-Nov-96	ZL96199249.2	9-Apr-02	Injectable Quinolone Formulations
009050A	China P.R.	94190968.9	19-Jan-94	ZL94190968.9	14-Apr-00	Process For The Manufacture Of A Tricyclic Compound
9170	China P.R.	96110384.1	6-Jun-96	ZL96110384.1	16-Jun-04	In Ovo Vaccination Against Coccidiosis
9215	China P.R.	96110383.3	6-Jun-96	ZL96110383.3	16-Jun-04	In Ovo Vaccination Against Coccidiosis
009452A	China P.R.	98808106.7	23-Jul-98	ZL98808106.7	11-Aug-04	Improved Process For Antiparasitic Agent
009452A	China P.R.	200410008225.8	23-Jul-98	200410008225.8	7-Mar-07	Improved Process For Antiparasitic Agent
009461A	China P.R.	99813455.4	20-Oct-99	ZL99813455.4	28-Apr-04	Antiparasitic Formulations
010433A	China P.R.	00806754.6	25-Feb-00	ZL00806754.6	29-Jun-05	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
019749A	China P.R.	200880108269.4	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	China P.R.	200880119095.1	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
026082A	China P.R.	200480037749.8	15-Dec-04	ZL200480037749	2-Apr-08	New Fluorinated Arylpyrazoles
033245A	China P.R.	200980124560.5	24-Jun-09			Novel Adjuvant Compositions
033256A <sup>4</sup>	China P.R.	200880117512.9	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	China P.R.	200880022643.9	16-Jun-08	200880022643.9	23-May-12	Anthelmintic Combination
033701A	China P.R.	200980132519.2	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	China P.R.	200880121714.0	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	China P.R.	200980150532.0	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	China P.R.	200980132248.0	4-Aug-09			Substituted Imidazole Combinations
033857A	China P.R.	200980148483.7	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	China P.R.	201080007929.7	2-Feb-10			High Dosage Doramectin Formulation
033974A	China P.R.	201080056676.2	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	China P.R.	201180006148.0	4-Jan-11			Topical Antiparasitic Formulations
034004A	China P.R.	PCT/US2011/022216	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	China P.R.	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	China P.R.	201180011241.0	15-Feb-11			Veterinary Compositions
009424A	Colombia	97070532	2-Dec-97	28051	29-Jun-04	Parasitocidal Pyrazoles
033245A	Colombia	10-160.889	24-Jun-09			Novel Adjuvant Compositions
033701A	Colombia	11-019.992	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Colombia	11-068.897	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Colombia	11-111.108	2-Feb-10			High Dosage Doramectin Formulation
8385	Croatia	P940110A	15-Feb-94	P940110A	8-Feb-01	Antiparasitic Agents
009452A	Cyprus	PCT/EP98/04931	23-Jul-98	CY1100805	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Cyprus	99972494.1	20-Oct-99	CY05/1100502	2-Feb-05	Antiparasitic Formulations

<sup>4</sup> Connie Gebhart is a joint owner of this patent.



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010305A	Cyprus	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
22141	Cyprus	98931835.7	9-Jul-98	CY1109968	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Cyprus	CY2010013	7-Jul-10	SPCCY2010013	23-Aug-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Cyprus	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Czech Republic	SPC/CZ2007/104	27-Mar-07	SPC/CZ2007/104	10-Jul-07	Quinuclidine Derivatives
8385	Czech Republic	PV 1817-95	12-Jan-94	284849	22-Jan-99	Antiparasitic Agents
008787A	Czech Republic	PV1930-98	13-Nov-96	293747	19-May-04	Injectable Quinolone Formulations
009452A	Czech Republic	PV2000-95	23-Jul-98	296906	7-Jun-06	Improved Process For Antiparasitic Agent
009461A	Czech Republic	PV 2001-1734	20-Oct-99			Antiparasitic Formulations
007988A	Denmark	CA200700014	22-Feb-07	CA200700014	10-Mar-08	Quinuclidine Derivatives
8385	Denmark	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Denmark	CA 2000 00003	3-Feb-00	CA 2000 00003	7-Jan-08	Antiparasitic Agents
008787A	Denmark	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Denmark	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Denmark	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Denmark	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Denmark	CA200600036	18-Dec-06	CR200600036	11-Feb-08	Cyclic Ether Cephalosporins
009452A	Denmark	98946289.0	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Denmark	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Denmark	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Denmark	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Denmark	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Denmark	C201000023	20-Jul-10	CR2010 00023	24-Jan-11	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Denmark	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Denmark	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
033701A	Ecuador	SP-11-10904	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
8385	Egypt	30/94	17-Jan-94	20582	31-Aug-99	Antiparasitic Agents

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009452A	Eurasian Patent Convention	199901056	23-Jul-98	002103	24-Dec-01	Improved Process For Antiparasitic Agent
71881	European Community Design	002029827-0001	20-Apr-12			Structural Arrangement For An In Ovo Injection Device
8385	European Patent Convention	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
008787A	European Patent Convention	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	European Patent Convention	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	European Patent Convention	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	European Patent Convention	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	European Patent Convention	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
9170	European Patent Convention	95918720.4	7-Jun-95	0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	European Patent Convention	95918719.6	7-Jun-95	EP831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	European Patent Convention	98946289.0	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	European Patent Convention	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	European Patent Convention	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	European Patent Convention	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	European Patent Convention	08832040.3	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019794A	European Patent Convention	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	European Patent Convention	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	European Patent Convention	10154395.7	23-Feb-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	European Patent Convention	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	European Patent Convention	08835063.2	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods

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025672A	European Patent Convention	03775738.2	8-Dec-03	1581184	24-Aug-11	Veterinary Compositions For Treating Mastitis
026082A	European Patent Convention	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
033245A	European Patent Convention	09769768.4	24-Jun-09			Novel Adjuvant Compositions
033256A <sup>5</sup>	European Patent Convention	08838262.7	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	European Patent Convention	08762949.9	16-Jun-08			Anthelmintic Combination
033701A	European Patent Convention	09786882.2	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	European Patent Convention	08870798.9	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	European Patent Convention	09801580.3	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	European Patent Convention	09786800.4	4-Aug-09			Substituted Imidazole Combinations
033857A	European Patent Convention	09768236.3	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	European Patent Convention	10703519.8	2-Feb-10			High Dosage Doramectin Formulation
033974A	European Patent Convention	10823754.6	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	European Patent Convention	11702506.4	4-Jan-11			Topical Antiparasitic Formulations
034004A	European Patent Convention	11703762.2	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	European Patent Convention	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	European Patent Convention	11708328.7	15-Feb-11			Veterinary Compositions
007988A	Finland	120070011	13-Mar-07	296	24-Feb-11	Quinclidine Derivatives
8385	Finland	L20030013	1-Oct-03	234	19-Dec-08	Antiparasitic Agents
8385	Finland	940218	12-Jan-94	111727	15-Sep-03	Antiparasitic Agents
008787A	Finland	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations

<sup>5</sup> Connie Gebhart is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
009452A	Finland	98946289.0	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Finland	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Finland	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
22141	Finland	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Finland	C20100020	13-Aug-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Finland	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Finland	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
007988A	France	07C0009	2-Feb-07	07C0009	19-Oct-09	Quinuclidine Derivatives
8385	France	00C0007	15-Feb-00	00C0007	30-Aug-00	Antiparasitic Agents
8385	France	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
008787A	France	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	France	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	France	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	France	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	France	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	France	06C0039	24-Nov-06	06C0039	27-Apr-07	Cyclic Ether Cephalosporins
9170	France	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	France	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	France	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	France	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	France	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	France	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	France	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	France	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	France	10C0035	24-Aug-10	10C0035	22-Jun-12	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	France	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	France	03775738.2	8-Dec-03	1581184	24-Aug-11	Veterinary Compositions For Treating Mastitis

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026082A	France	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
033876A	France	10703519.8	2-Feb-10			High Dosage Doramectin Formulation
007988A	Germany	12 2006 000 066.6	8-Dec-06	1220060000666	5-Sep-07	Quinuclidine Derivatives
8385	Germany	10075003.6	27-Jan-00	69409360	14-Feb-00	Antiparasitic Agents
8385	Germany	EPO677054	12-Jan-94	69409360.2	1-Apr-98	Antiparasitic Agents
008787A	Germany	96935251.7	13-Nov-96	69618987.9	30-Jan-02	Injectable Quinolone Formulations
009031A	Germany	92925307.8	13-Nov-92	69232969.2	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	Germany	93909199.7	30-Mar-93	69333402.9	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Germany	94912333.5	29-Mar-94	69432665.8	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Germany	EP0680482	19-Jan-94	P69402412.0	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Germany	12 2006 000 065.8	23-Nov-06	122006000065.8	28-Feb-07	Cyclic Ether Cephalosporins
9170	Germany	95918720.4	7-Jun-95	69520509.9	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Germany	95918719.6	7-Jun-95	69521533.7-08	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	Germany	PCT/EP98/04931	23-Jul-98	69813830.9-08	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Germany	99972494.1	20-Oct-99	69923583.9-08	2-Feb-05	Antiparasitic Formulations
010305A	Germany	99954291.3	22-Nov-99	69918165.8	16-Jun-04	Antiparasitic Formulations
010433A	Germany	EP1157094	25-Feb-00	60036460.7-08	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Germany	000955970.9	1-Sep-00	60039176.0-08	11-Aug-08	Sampling System
22141	Germany	122010000033.5	17-Aug-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Germany	98931835.7	9-Jul-98	69841521.3-08	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Germany	99968288.3	24-Dec-99	69939706.5	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Germany	03775738.2	8-Dec-03	60338196.0	24-Aug-11	Veterinary Compositions For Treating Mastitis
026082A	Germany	04801410.4	15-Dec-04	602004017782.2	12-Nov-08	New Fluorinated Arylpyrazoles
033876A	Germany	10703519.8	2-Feb-10			High Dosage Doramectin Formulation
007988A	Great Britain	SPC/GB07/008	19-Jan-07	SPC/GB07/008	26-Sep-07	Quinuclidine Derivatives
008787A	Great Britain	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	Great Britain	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	Great Britain	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine

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009047A	Great Britain	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Great Britain	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Great Britain	SPC/GB06/039	24-Nov-06	SPC/GB06/039	27-Mar-07	Cyclic Ether Cephalosporins
9170	Great Britain	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Great Britain	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
010433A	Great Britain	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Great Britain	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Great Britain	SPC/GB10/033	6-Jul-10	SPC/GB10/033	24-Jul-12	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Great Britain	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Great Britain	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Greece	20070800006	2-Feb-07	8000235	14-Sep-07	Quinuclidine Derivatives
8385	Greece	20000800001	19-Jan-00	8000054	9-May-01	Antiparasitic Agents
8385	Greece	EP0677054	12-Jan-94	3026710	1-Apr-98	Antiparasitic Agents
008787A	Greece	96935251.7	13-Nov-96	3038138	30-Jan-02	Injectable Quinolone Formulations
009035C	Greece	93909199.7	30-Mar-93	3048010	27-Feb-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Greece	0692974	29-Mar-94	3045417	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Greece	EPO680482	19-Jan-94	3023195	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Greece	20060800030	28-Nov-06	8000226	31-May-07	Cyclic Ether Cephalosporins
009452A	Greece	PCT/EP98/04931	23-Jul-98	3043683	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Greece	99972494.1	20-Oct-99	3052632	2-Feb-05	Antiparasitic Formulations
010305A	Greece	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Greece	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Greece	98931835.7	9-Jul-98	3071739	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Greece	20100800022	20-Jul-10	8000348	22-Feb-11	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Greece	99968288.3	24-Dec-99	3067741	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Greece	04801410.4	15-Dec-04	3067480	12-Nov-08	New Fluorinated Arylpyrazoles
009452A	Hong Kong	05100810.3	29-Aug-07	HK1068634	18-Oct-07	Improved Process For Antiparasitic Agent

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009452A	Hong Kong	01101581.2	5-Mar-01	1030610B	29-Apr-05	Improved Process For Antiparasitic Agent
009461A	Hong Kong	02102583.7	8-Apr-02	HK 1040593	8-Oct-04	Antiparasitic Formulations
019749A	Hong Kong	10110253.9	2-Nov-10			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	Hong Kong	11111795.1	2-Nov-11			Novel Adjuvant Compositions
033701A	Hong Kong	12100393.9	13-Jan-12			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Hong Kong	10112029.8	23-Dec-10			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	Hong Kong	11108723.4	18-Aug-11			Substituted Imidazole Combinations
033857A	Hong Kong	12102051.8	29-Feb-12			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Hong Kong	12101546.3	16-Feb-12			High Dosage Doramectin Formulation
033997A	Hong Kong	Pending	Pending			Topical Antiparasitic Formulations
071647A	Hong Kong	PCT/IB2011/050625	15-Feb-11			Veterinary Compositions
007988A	Hungary	S0700001	21-Feb-07	S000081	3-Dec-09	Quinuclidine Derivatives
8385	Hungary	P9400131	17-Jan-94	221505	2-Aug-02	Antiparasitic Agents
8385	Hungary	S0400031	13-Oct-04			Antiparasitic Agents
008787A	Hungary	P9903726	13-Nov-96			Injectable Quinolone Formulations
009452A	Hungary	P0003399	23-Jul-98			Improved Process For Antiparasitic Agent
009461A	Hungary	P0104235	20-Oct-99			Antiparasitic Formulations
007988A	Iceland	0001/07	8-Mar-07	0003/08 (SPC28)	15-Apr-08	Quinuclidine Derivatives
008787A	India	2854/DEL/1996	18-Dec-96	212535	4-Dec-07	Injectable Quinolone Formulations
9170	India	1236/DEL/96	6-Jun-96			In Ovo Vaccination Against Coccidiosis
019749A	India	1685/DELNP/2010	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	India	8324/DELNP/2010	24-Jun-09			Novel Adjuvant Compositions
033709A	India	3895/DELNP/2010	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	India	4079/DELNP/2011	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	India	5710/DELNP/2011	2-Feb-10			High Dosage Doramectin Formulation
8385	Indonesia	P940075	17-Jan-94	ID0002588	30-Mar-98	Antiparasitic Agents
007988A	Ireland	2007/004	25-Jan-07	2007/004	14-Dec-07	Quinuclidine Derivatives
8385	Ireland	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents

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8385	Ireland	2000/001	18-Jan-00	1/2000	16-Oct-03	Antiparasitic Agents
008787A	Ireland	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	Ireland	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	Ireland	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Ireland	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Ireland	EPO680482	19-Jan-94	0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Ireland	2006/034	20-Nov-06	2006/034	28-May-07	Cyclic Ether Cephalosporins
009452A	Ireland	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Ireland	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Ireland	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	Ireland	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Ireland	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Ireland	2010/023	16-Jul-10	2010/023	1-Oct-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Ireland	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Ireland	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Ireland	03775738.2	8-Dec-03	1581184	24-Aug-11	Veterinary Compositions For Treating Mastitis
026082A	Ireland	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
007988A	Israel	524647	22-Jul-10	102008	31-Aug-11	Quinclidine Derivatives
8385	Israel	108306	10-Jan-94	108306	17-Nov-99	Antiparasitic Agents
009452A	Israel	156463	16-Jun-03	156463	1-Apr-07	Improved Process For Antiparasitic Agent
009452A	Israel	156464	16-Jun-03	156464	21-Sep-04	Improved Process For Antiparasitic Agent
009452A	Israel	133628	23-Jul-98	133628	11-Jul-06	Improved Process For Antiparasitic Agent
010433A	Israel	144893	25-Feb-00	144893	11-Jul-06	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
007988A	Italy	16000	19-Mar-07	CUB2000CCP967	30-May-07	Quinclidine Derivatives
8385	Italy	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Italy	825122	14-Feb-00	C-UB2000CCP694	6-Apr-00	Antiparasitic Agents
008787A	Italy	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	Italy	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines



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009035C	Italy	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Italy	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Italy	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Italy	72621	14-Dec-06	C-UB2006CCP938	30-May-07	Cyclic Ether Cephalosporins
9170	Italy	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Italy	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	Italy	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Italy	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Italy	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	Italy	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Italy	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Italy	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Italy	0000001172	23-Jul-10	0000001172	30-Sep-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Italy	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Italy	03775738.2	8-Dec-03	1581184	24-Aug-11	Veterinary Compositions For Treating Mastitis
026082A	Italy	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
71780	Italy	MI2011A001182	28-Jun-11			Canine Coronavirus Vaccine
007988A	Japan	2011-700130	3-Jun-11	2645225	6-Jun-12	Quinuclidine Derivatives
007988A	Japan	2011-700129	3-Jun-11	2645225	6-Jun-12	Quinuclidine Derivatives
007988A	Japan	2011-700157	14-Jul-11	2645225	6-Jun-12	Quinuclidine Derivatives
007988A	Japan	2011-700158	14-Jul-11	2645225	6-Jun-12	Quinuclidine Derivatives
007988A	Japan	2011-700156	14-Jul-11	2645225	6-Jun-12	Quinuclidine Derivatives
8385	Japan	2000-700090	10-Apr-02	2732548	2-Apr-03	Antiparasitic Agents
8385	Japan	2000-700091	10-Apr-02	2732548	27-Feb-03	Antiparasitic Agents
8385	Japan	515697/94	12-Jan-94	2732548	26-Dec-97	Antiparasitic Agents
008787A	Japan	523447/1997	13-Nov-96	3416145	4-Apr-03	Injectable Quinolone Formulations
009031A	Japan	509495/93	13-Nov-92	3043809	10-Mar-00	Gram-Negative Bacterial Vaccines
009032A	Japan	509531/93	13-Nov-92	3270473	18-Jan-02	Pasteurella Multocida Toxoid Vaccines
009035C	Japan	517608/93	30-Mar-93	2776982	1-May-98	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine

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009035C	Japan	2004-700049	6-Aug-04			Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Japan	522287/1994	29-Mar-94	4129544	30-May-08	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Japan	516654/94	19-Jan-94	2809509	31-Jul-98	Process For The Manufacture Of A Tricyclic Compound
009137A	Japan	2007-700082	13-Aug-07	2851428	10-Mar-08	Cyclic Ether Cephalosporins
009452A	Japan	511681/99	23-Jul-98	3476476	26-Sep-03	Improved Process For Antiparasitic Agent
009461A	Japan	2000-583347	20-Oct-99	3507799	26-Dec-03	Antiparasitic Formulations
010433A	Japan	2000-600682	25-Feb-00	3689337	17-Jun-05	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Japan	2010-526052	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal Sampling System
019794A	Japan	2001-521774	1-Sep-00	4071497	25-Jan-08	Sampling System
22141	Japan	2000-501770	9-Jul-98			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Japan	2012-195610	5-Sep-12			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Japan	2009-244560	23-Oct-09			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Japan	2000-593330	24-Dec-99	4949555	16-Mar-12	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
22142	Japan	2011-242133	4-Nov-11			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Japan	2010-527944	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
025930A	Japan	2007-503430	7-Mar-05	4783358	15-Jul-11	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Japan	2006-544595	15-Dec-04	4805164	19-Aug-11	New Fluorinated Arylpyrazoles
033245A	Japan	2011-515706	24-Jun-09			Novel Adjuvant Compositions
033256A	Japan	2010-529146	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	Japan	2008-169818	30-Jun-08			Anthelmintic Combination
033701A	Japan	2011-523467	10-Aug-09	4884570	16-Dec-11	Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Japan	2010-538934	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Japan	2011-532091	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Japan	2012-175979	8-Aug-12			Substituted Imidazole Combinations

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033857A	Japan	2011-539129	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Japan	2011-549707	2-Feb-10			High Dosage Doramectin Formulation
033974A	Japan	2012-534181	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	Japan	2011-013786	26-Jan-11			Topical Antiparasitic Formulations
034004A	Japan	PCT/US2011/022216	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Japan	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Japan	2011-36219	22-Feb-11			Veterinary Compositions
071867A	Japan	Pending	Pending			Use of Aminoacetonitrile Derivatives Against EndoParasites
8385	Korea South	702924/1995	12-Jan-94	185480	24-Dec-98	Antiparasitic Agents
008787A	Korea South	98-704719	13-Nov-96	402570	8-Oct-03	Injectable Quinolone Formulations
009050A	Korea South	95-702906	19-Jan-94	256461	22-Feb-00	Process For The Manufacture Of A Tricyclic Compound
009452A	Korea South	10-2000-7001184	23-Jul-98	10-336060	26-Apr-02	Improved Process For Antiparasitic Agent
009461A	Korea South	10-2001-7006309	20-Oct-99	458406	15-Nov-04	Antiparasitic Formulations
010433A	Korea South	2001-7010897	25-Feb-00	573613	18-Apr-06	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Korea South	10-2010-7006046	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
22141	Korea South	10-2000-7000181	9-Jul-98	10-0680631	2-Feb-07	Immunogenic LHRH Compositions And Methods Relating Thereto
026082A	Korea South	2006-7012151	15-Dec-04	815637	14-Mar-08	New Fluorinated Arylpyrazoles
033245A	Korea South	2010-7029087	24-Jun-09			Novel Adjuvant Compositions
033701A	Korea South	10-2011-7003834	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Korea South	2010-7013538	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Korea South	2011-7010922	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Korea South	2011-7003671	4-Aug-09			Substituted Imidazole Combinations
033857A	Korea South	2011-7015168	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Korea South	2011-7021507	2-Feb-10			High Dosage Doramectin Formulation
033997A	Korea South	2012-7022437	4-Jan-11			Topical Antiparasitic Formulations
071647A	Korea South	2012-7024728	15-Feb-11			Veterinary Compositions

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8385	Kosovo	537	16-Oct-08	072/2010	15-Sep-10	Antiparasitic Agents
033245A	Kosovo	426	26-Jun-09			Novel Adjuvant Compositions
033701A	Kosovo	459	7-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Kosovo	515	2-Dec-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
071661A	Kosovo	KS/P/2011/49	19-May-11			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Kosovo	KS/P/2011/75	20-Jul-11			Parapoxvirus Vectors
071703A	Kosovo	KS/P/2011/79	5-Aug-11			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Kosovo	KS/P/2012/41	11-Jul-12			Interleukin-31 Monoclonal Antibody
071752A	Kosovo	KS/P/2012/27	27-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071769A	Kosovo	KS/P/2012/17	8-Mar-12			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
007988A	Luxembourg	91293	6-Dec-06	91293	2-Jun-07	Quinuclidine Derivatives
8385	Luxembourg	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Luxembourg	90518	9-Feb-00	90518	10-Apr-00	Antiparasitic Agents
008787A	Luxembourg	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Luxembourg	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Luxembourg	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Luxembourg	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Luxembourg	91 290	22-Nov-06	91 290	22-Jan-07	Cyclic Ether Cephalosporins
009452A	Luxembourg	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Luxembourg	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Luxembourg	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
22141	Luxembourg	91 711	28-Jul-10	91711	28-Sep-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Luxembourg	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Luxembourg	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Luxembourg	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
8385	Malaysia	PI94000081	12-Jan-94	MY-141106-A	15-Mar-10	Antiparasitic Agents
025672A	Malaysia	PI20034900	19-Dec-03	MY-142767-A	31-Dec-10	Veterinary Compositions For Treating Mastitis
007988A	Mexico	9202554	29-May-92			Quinuclidine Derivatives

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8385	Mexico	940492	17-Jan-94	196706	31-May-00	Antiparasitic Agents
008639A	Mexico	972350	24-Aug-95	199479	10-Nov-00	2,7-substituted-octahydro-1h-pyrido[1,2-a]pyrazine Derivatives As Ligands For Serotonin Receptors
008787A	Mexico	PA/a/1998/005026	13-Nov-96	209937	26-Aug-02	Injectable Quinolone Formulations
009035C	Mexico	931736	26-Mar-93	192018	14-May-99	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
9041	Mexico	933506	11-Jun-93	188441	27-Mar-98	Stabilized Somatotropin For Parenteral Administration Growth Promoting Complex""
009050A	Mexico	PA/A/1998/004142	25-May-98	229406	25-Jul-05	Process For The Manufacture Of A Tricyclic Compound
009050A	Mexico	940629	21-Jan-94	189673	19-Aug-98	Process For The Manufacture Of A Tricyclic Compound
9170	Mexico	979868	7-Jun-95	214389	23-May-03	In Ovo Vaccination Against Coccidiosis
9215	Mexico	979870	7-Jun-95	214390	23-May-03	In Ovo Vaccination Against Coccidiosis
009452A	Mexico	PA/A/2000/001315	23-Jul-98	218087	11-Dec-03	Improved Process For Antiparasitic Agent
009461A	Mexico	2005/003923	13-Apr-05	261171	8-Oct-08	Antiparasitic Formulations
009461A	Mexico	PA/A/2001/005045	20-Oct-99	228836	1-Jul-05	Antiparasitic Formulations
010433A	Mexico	2001008695	25-Feb-00	240298	14-Sep-06	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Mexico	MX/a/2010/003080	22-Sep-08	298174	13-Apr-12	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	Mexico	MX/A/2010/003610	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
033245A	Mexico	MX/a/2010/014026	24-Jun-09			Novel Adjuvant Compositions
033256A	Mexico	MX/A/2010/003879	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033634A	Mexico	MX/A/2010/000115	16-Jun-08			Anthelmintic Combination
033701A	Mexico	MX/a/2011/001904	10-Aug-09	301822	30-Jul-12	Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Mexico	MX/A/2010/006851	4-Dec-08	296928	9-Mar-12	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Mexico	MX/A/2011/004053	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Mexico	MX/A/2011/001830	4-Aug-09			Substituted Imidazole Combinations
033857A	Mexico	MX/A/2011/005820	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Mexico	MX/A/2011/008614	2-Feb-10			High Dosage Doramectin Formulation

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033974A	Mexico	MX/A/2012/004448	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	Mexico	MX/A/2012/008799	4-Jan-11			Topical Antiparasitic Formulations
034004A	Mexico	MX/A/2012/009074	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Mexico	PCT/IB2011/051129	17-Mar-11			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Mexico	MX/A/2012/009798	15-Feb-11			Veterinary Compositions
8385	Montenegro	P18/94	18-Nov-08	49169	1-Sep-09	Antiparasitic Agents
033245A	Montenegro	P-2010/194	24-Jun-09			Novel Adjuvant Compositions
033701A	Montenegro	P-2011/22	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Montenegro	P-2011/97	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
8385	Morocco	23397	17-Jan-94	23091	1-Oct-94	Antiparasitic Agents
007988A	Netherlands	300250	6-Dec-06			Quinclidine Derivatives
8385	Netherlands	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Netherlands	300003	1-Feb-00	300003	9-Jun-00	Antiparasitic Agents
008787A	Netherlands	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Netherlands	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Netherlands	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Netherlands	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Netherlands	300249	27-Nov-06	300249	13-Dec-06	Cyclic Ether Cephalosporins
9170	Netherlands	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Netherlands	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	Netherlands	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Netherlands	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Netherlands	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	Netherlands	00908787.5	25-Feb-00	EP1157094	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Netherlands	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Netherlands	300457	22-Jul-10	300457	6-Oct-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Netherlands	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto

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22142	Netherlands	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Netherlands	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
8385	New Zealand	259868	12-Jan-94	259868	30-May-97	Antiparasitic Agents
008411A	New Zealand	263615	26-Apr-94	263615	12-Dec-97	Method For Precipitating Natural Avermectins
008411A	New Zealand	328209	30-Jun-97	328209	10-Dec-97	Method For Precipitating Natural Avermectins
8502	New Zealand	260674	3-Jun-94	260674	9-Nov-00	Pharmaceutical Agents For Treatment Of Emesis
008787A	New Zealand	501160	17-Nov-99	501160	21-Oct-01	Injectable Quinolone Formulations
008787A	New Zealand	320545	13-Nov-96	320545	6-Jul-00	Injectable Quinolone Formulations
9041	New Zealand	253914	11-Jun-93	253914	14-Apr-98	Stabilized Somatotropin For Parenteral Administration Growth Promoting Complex""
009050A	New Zealand	261106	19-Jan-94	261106	24-Oct-97	Process For The Manufacture Of A Tricyclic Compound
009424A	New Zealand	335611	25-Nov-97	335611	10-May-01	Parasitocidal Pyrazoles
009461A	New Zealand	537110	9-Dec-04	537110	5-Oct-06	Antiparasitic Formulations
009461A	New Zealand	510678	20-Oct-99	510678	24-Feb-05	Antiparasitic Formulations
019794A	New Zealand	516589	1-Sep-00	516589	9-Dec-02	Sampling System
22141	New Zealand	502080	9-Jul-98	502080	10-Jan-02	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	New Zealand	512011	24-Dec-99	512011	31-Mar-03	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	New Zealand	601129	6-Jul-12			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	New Zealand	541269	8-Dec-03			Veterinary Compositions For Treating Mastitis
026082A	New Zealand	547565	15-Dec-04	547565	12-Nov-09	New Fluorinated Arylpyrazoles
033245A	New Zealand	589079	24-Jun-09			Novel Adjuvant Compositions
033634A	New Zealand	581859	16-Jun-08			Anthelmintic Combination
033701A	New Zealand	590926	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	New Zealand	585877	4-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	New Zealand	590544	4-Aug-09	590544	5-Mar-12	Substituted Imidazole Combinations
033857A	New Zealand	592979	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	New Zealand	594389	2-Feb-10			High Dosage Doramectin Formulation
033997A	New Zealand	601019	4-Jan-11			Topical Antiparasitic Formulations

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071647A	New Zealand	601450	15-Feb-11			Veterinary Compositions
025672A	Nigeria	486/2003	18-Dec-03	RP 15753	31-Jan-04	Veterinary Compositions For Treating Mastitis
007988A	Norway	2007 003	3-Sep-07	2007003	6-Apr-11	Quinuclidine Derivatives
8385	Norway	2001010	11-Jun-01	SPC/Co2001010	6-Oct-06	Antiparasitic Agents
8385	Norway	952832	12-Jan-94	304835	22-Feb-99	Antiparasitic Agents
008787A	Norway	982842	13-Nov-96	315734	20-Oct-03	Injectable Quinolone Formulations
009424A	Norway	1999 2732	25-Nov-97	313518	14-Oct-02	Parasitocidal Pyrazoles
026082A	Norway	20062549	15-Dec-04			New Fluorinated Arylpyrazoles
033979A	Patent Cooperation Treaty	PCT/IB2011/0550 03	9-Nov-11			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
071645A	Patent Cooperation Treaty	PCT/IB2011/0511 29	17-Mar-11			Substituted 3,5-Diphenyl-Isioxazoline Derivatives as Insecticides and Acaricides
071661A	Patent Cooperation Treaty	PCT/IB2011/0518 47	27-Apr-11			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Patent Cooperation Treaty	PCT/IB2011/0531 98	18-Jul-11			Parapoxvirus Vectors
071703A	Patent Cooperation Treaty	PCT/IB2011/0533 55	27-Jul-11			Isioxazoline Derivatives as Antiparasitic Agents
071708A	Patent Cooperation Treaty	PCT/IB2012/0505 12	3-Feb-12			Immunogenic Bordetella Bronchiseptica Compositions
071713A	Patent Cooperation Treaty	PCT/IB2011/0539 29	8-Sep-11			Isioxazoline Oximes as Antiparasitic Agents
071715A	Patent Cooperation Treaty	PCT/IB2012/0526 28	24-May-12			Infectious Clones Of Torque Teno Virus
071750A	Patent Cooperation Treaty	PCT/IB2012/0534 50	5-Jul-12			Interleukin-31 Monoclonal Antibody
071752A	Patent Cooperation Treaty	PCT/IB2012/0519 73	19-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071753A	Patent Cooperation Treaty	PCT/IB2012/0510 86	8-Mar-12			Isioxazoline Derivatives as Antiparasitic Agents
071766A	Patent Cooperation Treaty	PCT/IB2012/0540 92	10-Aug-12			Improved Vaccine Diagnostics
071769A	Patent Cooperation Treaty	PCT/IB2012/0508 42	23-Feb-12			Spirocyclic Isioxazoline Derivatives as Antiparasitic Agents
071780A	Patent Cooperation Treaty	PCT/EP2012/0623 47	26-Jun-12			Canine Coronavirus Vaccine



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071794A	Patent Cooperation Treaty	PCT/IB2012/050510	3-Feb-12			Compositions for Canine Respiratory Disease Complex
071804A <sup>6</sup>	Patent Cooperation Treaty	PCT/US2012/037839	14-May-12			Hendra And Nipah Virus G Glycoprotein Immunogenic Compositions
007988A	Philippines	44396	21-May-92	1-1992-4396	16-May-01	Quinuclidine Derivatives
026082A	Philippines	1-2006-501165	15-Dec-04	1-2006-501165	5-Nov-09	New Fluorinated Arylpyrazoles
033245A	Philippines	1-2010-502661	24-Jun-09			Novel Adjuvant Compositions
033701A	Philippines	1-2011-500298	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Philippines	1-2011-501054	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
007988A	Poland	91/171379	26-Mar-07	171379	27-Jan-09	Quinuclidine Derivatives
8385	Poland	P309916	12-Jan-94	176733	14-Jan-99	Antiparasitic Agents
008787A	Poland	P328001	13-Nov-96	186795	8-Jul-03	Injectable Quinolone Formulations
9170	Poland	P314639	5-Jun-96	184002	30-Aug-02	In Ovo Vaccination Against Coccidiosis
9215	Poland	P314640	5-Jun-96	184024	11-Feb-02	In Ovo Vaccination Against Coccidiosis
009452A	Poland	P 338557	23-Jul-98	191259	9-Aug-05	Improved Process For Antiparasitic Agent
009461A	Poland	P 348638	20-Oct-99	204763	19-Aug-09	Antiparasitic Formulations
22141	Poland	148/200495	10-Nov-09			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Poland	P338037	9-Jul-98	200495	27-May-08	Immunogenic LHRH Compositions And Methods Relating Thereto
007988A	Portugal	245	12-Dec-06	245	11-Jan-07	Quinuclidine Derivatives
007988A	Portugal	100546	29-May-92	100546	29-Sep-99	Quinuclidine Derivatives
8385	Portugal	64	9-Feb-00	64	24-Aug-00	Antiparasitic Agents
8385	Portugal	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
008787A	Portugal	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Portugal	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Portugal	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Portugal	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
9170	Portugal	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Portugal	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis

<sup>6</sup> Henry M. Jackson Foundation for Advancement of Military Medicine is a joint owner of this patent.

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009452A	Portugal	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Portugal	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Portugal	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Portugal	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Portugal	416B	28-Jul-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Portugal	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Portugal	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Romania	C/024	24-Apr-07	c/024	29-Apr-09	Quinuclidine Derivatives
008787A	Romania	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009461A	Romania	99972494.1	20-Oct-99	RO/EP1130966T3	2-Feb-05	Antiparasitic Formulations
007988A	Russian Federation	2103269	17-Oct-08	2103269	20-Dec-08	Quinuclidine Derivatives
8385	Russian Federation	95117100.04	12-Jan-94	2125059	20-Jan-99	Antiparasitic Agents
008787A	Russian Federation	98111831	13-Nov-96	2141827	27-Nov-99	Injectable Quinolone Formulations
9215	Russian Federation	96111009	6-Jun-96	2126267	20-Feb-99	In Ovo Vaccination Against Coccidiosis
009452A	Russian Federation	199901056	23-Jul-98	002103	24-Dec-01	Improved Process For Antiparasitic Agent
019749A	Russian Federation	2010109348	22-Sep-08	2436295	20-Dec-11	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	Russian Federation	2010149495	24-Jun-09			Novel Adjuvant Compositions
033701A	Russian Federation	2011106331	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Russian Federation	2010125210	4-Dec-08	2440137	20-Jan-12	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Russian Federation	2011113442	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033857A	Russian Federation	2011121044	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
006977C	Serbia	P1617/86	17-Sep-86			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Serbia	P18/94	17-Jan-94	49169	13-Feb-04	Antiparasitic Agents
009452A	Singapore	9906454-5	23-Jul-98	69925	28-Mar-02	Improved Process For Antiparasitic Agent
019749A	Singapore	201001353-0	22-Sep-08	159656	31-Aug-12	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
007988A	Slovak Republic	PDO0005-2006	22-Dec-06	DO 47	9-Dec-07	Quinuclidine Derivatives
8385	Slovak Republic	PV 0895-95	12-Jan-94	282031	6-Jul-01	Antiparasitic Agents

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008787A	Slovak Republic	PV 0807-98S	13-Nov-96	284 412	19-Jan-05	Injectable Quinolone Formulations
009452A	Slovak Republic	PV0137-2000S	23-Jul-98	283 899	9-Feb-04	Improved Process For Antiparasitic Agent
009461A	Slovak Republic	PV 0662-2001S	20-Oct-99	287540	11-Nov-10	Antiparasitic Formulations
8385	Slovenia	P9400118	9-Mar-94	9400118	11-Dec-95	Antiparasitic Agents
8385	Slovenia	C-200140001	15-Oct-04	C-200140001	6-Oct-05	Antiparasitic Agents
008787A	Slovenia	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009461A	Slovenia	99972494.1	20-Oct-99	P-9930759	2-Feb-05	Antiparasitic Formulations
8385	South Africa	94/0310	17-Jan-94	94/0310	27-Sep-95	Antiparasitic Agents
008787A	South Africa	96/10780	20-Dec-96	96/10780	26-Aug-98	Injectable Quinolone Formulations
009050A <sup>7</sup>	South Africa	94/0433	21-Jan-94	94/0433	27-Sep-95	Process For The Manufacture Of A Tricyclic Compound
9215	South Africa	96/4724	6-Jun-96	96/4724	25-Feb-98	In Ovo Vaccination Against Coccidiosis
009452A	South Africa	986970	4-Aug-98	98/6970	29-Mar-00	Improved Process For Antiparasitic Agent
009461A	South Africa	99/7174	18-Nov-99	99/7174	27-Jun-01	Antiparasitic Formulations
22141	South Africa	98/6074	9-Jul-98	98/6074	26-May-99	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	South Africa	2001/5543	24-Dec-99			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	South Africa	2006/04715	15-Dec-04	2006/04715	28-Mar-07	New Fluorinated Arylpyrazoles
033245A	South Africa	2010/07835	24-Jun-09	2010/07835	25-Jan-12	Novel Adjuvant Compositions
033634A	South Africa	2010/00672	16-Jun-08	2010/00672	27-Oct-10	Anthelmintic Combination
033701A	South Africa	2011/01701	10-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	South Africa	2010/05178	4-Dec-08	2010/05178	30-Mar-11	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	South Africa	2011/02049	4-Aug-09			Substituted Imidazole Combinations
033857A	South Africa	2011/04508	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	South Africa	2011/05310	2-Feb-10			High Dosage Doramectin Formulation
033997A	South Africa	PCT/IB2011/050027	4-Jan-11			Topical Antiparasitic Formulations
071647A	South Africa	2012/06259	15-Feb-11			Veterinary Compositions
007988A	Spain	0200700014	27-Feb-07	0200700014	28-Jul-08	Quinuclidine Derivatives
8385	Spain	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Spain	200000008	10-Mar-00	200000008	1-Aug-03	Antiparasitic Agents

<sup>7</sup> S.A. Vetoquinol is a joint owner of this patent.

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008787A	Spain	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009031A	Spain	92925307.8	13-Nov-92	EP0669971	19-Mar-03	Gram-Negative Bacterial Vaccines
009035C	Spain	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Spain	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Spain	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Spain	0200600039	15-Dec-06	200600039	24-Jul-08	Cyclic Ether Cephalosporins
9170	Spain	95918720.4	7-Jun-95	EP0831897	28-Mar-01	In Ovo Vaccination Against Coccidiosis
9215	Spain	95918719.6	7-Jun-95	EP0831896	27-Jun-01	In Ovo Vaccination Against Coccidiosis
009452A	Spain	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Spain	99972494.1	20-Oct-99	2237213	2-Feb-05	Antiparasitic Formulations
010305A	Spain	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
010433A	Spain	00908787.5	25-Feb-00	ES2290015T3	19-Sep-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Spain	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Spain	0201000028CC	28-Jul-10	0201000028CC	3-May-11	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Spain	98931835.7	9-Jul-98	2339308	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Spain	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Spain	03775738.2	8-Dec-03	2369769	24-Aug-11	Veterinary Compositions For Treating Mastitis
026082A	Spain	04801410.4	15-Dec-04	2315724	12-Nov-08	New Fluorinated Arylpyrazoles
007988A	Sweden	0790027-7	27-Mar-07	0790027-7	18-Mar-08	Quinuclidine Derivatives
8385	Sweden	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Sweden	0090006	3-Mar-00	0090006	11-Dec-00	Antiparasitic Agents
008787A	Sweden	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Sweden	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Sweden	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Sweden	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Sweden	0690032-8	14-Dec-06	0690032-8	5-Feb-08	Cyclic Ether Cephalosporins
009452A	Sweden	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Sweden	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations

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010305A	Sweden	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Sweden	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Sweden	1090029-8	5-Jul-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Sweden	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Sweden	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Sweden	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
007988A	Switzerland	C00587723/01	24-Apr-08	C00587723/01	31-Jul-09	Quinuclidine Derivatives
8385	Switzerland	94905061.1	12-Jan-94	EP0677054	1-Apr-98	Antiparasitic Agents
8385	Switzerland	C00677054/01	12-Feb-01	C0677054/01	30-Sep-02	Antiparasitic Agents
008787A	Switzerland	96935251.7	13-Nov-96	EP0868183	30-Jan-02	Injectable Quinolone Formulations
009035C	Switzerland	93909199.7	30-Mar-93	0636030	28-Jan-04	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Switzerland	94912333.5	29-Mar-94	EP0692974	14-May-03	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Switzerland	94905666.7	19-Jan-94	EP0680482	2-Apr-97	Process For The Manufacture Of A Tricyclic Compound
009137A	Switzerland	C00540609/01	29-Feb-08	C00540609/01	31-Jul-09	Cyclic Ether Cephalosporins
009452A	Switzerland	PCT/EP98/04931	23-Jul-98	EP1003764	23-Apr-03	Improved Process For Antiparasitic Agent
009461A	Switzerland	99972494.1	20-Oct-99	1130966	2-Feb-05	Antiparasitic Formulations
010305A	Switzerland	99954291.3	22-Nov-99	1140068	16-Jun-04	Antiparasitic Formulations
019794A	Switzerland	000955970.9	1-Sep-00	EP1210459	11-Aug-08	Sampling System
22141	Switzerland	C01007084/01	16-Jul-10			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Switzerland	98931835.7	9-Jul-98	1007084	24-Feb-10	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Switzerland	99968288.3	24-Dec-99	1140165	8-Oct-08	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Switzerland	04801410.4	15-Dec-04	1705989	12-Nov-08	New Fluorinated Arylpyrazoles
8385	Taiwan	83100082	6-Jan-94	099080	17-Apr-99	Antiparasitic Agents
008787A	Taiwan	85114021	15-Nov-96	139317	19-Dec-01	Injectable Quinolone Formulations
009050A	Taiwan	83106088	4-Jul-94	NI-075282	10-Apr-96	Process For The Manufacture Of A Tricyclic Compound
019749A	Taiwan	97136325	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
22141	Taiwan	87111118	9-Jul-98	I235666	11-Jul-05	Immunogenic LHRH Compositions And Methods Relating Thereto

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22142	Taiwan	88123010	27-Dec-99	179413	23-May-03	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
033245A	Taiwan	98121642	26-Jun-09			Novel Adjuvant Compositions
033634A	Taiwan	097124413	27-Jun-08	I352592	21-Nov-11	Anthelmintic Combination
033709A	Taiwan	097149908	19-Dec-08			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	Taiwan	098141210	2-Dec-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
33979	Taiwan	100140986	9-Nov-11			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
071752A	Taiwan	101115372	30-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
006977C	Thailand	4819	17-Sep-86			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Thailand	021251	14-Jan-94	9561	3-May-00	Antiparasitic Agents
033245A	Thailand	0901002902	26-Jun-09			Novel Adjuvant Compositions
033857A	Thailand	0901005385	1-Dec-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
8385	Ukraine	95073243	12-Jan-94	42707	15-Nov-01	Antiparasitic Agents
033245A	Ukraine	A201013068	24-Jun-09			Novel Adjuvant Compositions
033857A	Ukraine	a201106460	23-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
007123K	United States	08/323163	14-Oct-94	5583015	10-Dec-96	Process For Production Of Avermectins And Cultures Therefor
007123J	United States	08/323198	14-Oct-94	5576199	19-Nov-96	Process For Production Of Avermectins And Cultures Therefor
007469A	United States	07/879083	1-May-92	6001822	14-Dec-99	Avermectin Oil Formulation
007617E	United States	08/300776	6-Sep-94	5475117	12-Dec-95	Process For Optically Active Bicyclo Intermediates For Antibacterial Quinolones
007988A	United States	08/211120	28-Apr-92	5807867	15-Sep-98	Quinuclidine Derivatives
007988D	United States	08/377552	24-Jan-95	6222038	24-Apr-01	Quinuclidine Derivatives
007988D	United States	08/377552	24-Jan-95	6222038	24-Apr-01	Quinuclidine Derivatives
008385A	United States	08/853686	9-May-97	5981500	9-Nov-99	Antiparasitic Agents
8502	United States	08/072629	4-Jun-93	5393762	28-Feb-95	Pharmaceutical Agents For Treatment Of Emesis
008613A	United States	08/669555	11-Jan-95	5801023	1-Sep-98	Antiparasitic Pyrrolbenzoxazine Compounds

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008639A	United States	08/809145	24-Aug-95	5852031	22-Dec-98	2,7-substituted-octahydro-1h-pyrido{1,2-a}pyrazine Derivatives As Ligands For Serotonin Receptors
008787A	United States	08/769809	19-Dec-96	5811130	22-Sep-98	Injectable Quinolone Formulations
008991E	United States	08/280405	26-Jul-94	5667785	16-Sep-97	Vaccine For Protection Of Cats Against Feline Infectious Peritonitis
008997C	United States	08/439714	12-May-95	5536496	16-Jul-96	Pasteurella Multocida Toxoid Vaccines
009024B	United States	08/214653	16-Mar-94	5643902	1-Jul-97	Veterinary Compositions For Treating Farrowing Fever In Pigs
009031A	United States	08/240649	13-Nov-92	5616328	1-Apr-97	Gram-Negative Bacterial Vaccines
009032A	United States	08/244052	13-Nov-92	5695769	9-Dec-97	Pasteurella Multocida Toxoid Vaccines
009047B	United States	08/536970	29-Mar-95	6083512	4-Jul-00	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	United States	08/492039	19-Jan-94	5892040	6-Apr-99	Process For The Manufacture Of A Tricyclic Compound
009137C	United States	08/958864	20-Oct-97	6020329	1-Feb-00	Cyclic Ether Cephalosporins
9170	United States	08/973133	7-Jun-95	6500438	31-Dec-02	In Ovo Vaccination Against Coccidiosis
9170	United States	10/094436	8-Mar-02	7018640	28-Mar-06	In Ovo Vaccination Against Coccidiosis
9215	United States	08/973151	7-Jun-95	6495146	17-Dec-02	In Ovo Vaccination Against Coccidiosis
009215A	United States	10/094087	8-Mar-02	6627205	30-Sep-03	In Ovo Vaccination Against Coccidiosis
009441B	United States	09/346161	1-Jul-99	6019986	1-Feb-00	Parasitocidal Pyrazoles
009441A	United States	09/235957	22-Jan-99	6090394	18-Jul-00	Parasitocidal Pyrazoles
009452A	United States	10/203869	23-Jul-98	6906184	14-Jun-05	Improved Process For Antiparasitic Agent
009461B	United States	09/978936	16-Oct-01	6797701	28-Sep-04	Antiparasitic Formulations
009576A	United States	09/424104	29-May-98	6420536	16-Jul-02	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576D	United States	10/810922	26-Mar-04	6936592	30-Aug-05	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576A	United States	09/424104	29-May-98	6420536	16-Jul-02	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576C	United States	10/273879	18-Oct-02	6777393	17-Aug-04	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
10177	United States	08/913430	15-Mar-96	7074894	11-Jul-06	Antigen Composition Against Mycoplasma
010216A	United States	09/566307	8-May-00	6255320	3-Jul-01	Polymorphs Of A Crystalline Azobicyclo (2.2.2) Octan-3-amine Citrate And Their Pharmaceutical Compos

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010216A	United States	09/566307	8-May-00	6255320	3-Jul-01	Polymorphs Of A Crystalline Azobicyclo (2.2.2) Octan-3-amine Citrate And Their Pharmaceutical Compos
010278G	United States	12/608305	29-Oct-09			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278D	United States	11/366851	1-Mar-06	7691389	6-Apr-10	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278B	United States	10/127391	22-Apr-02	7232680	19-Jun-07	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278F	United States	12/607358	28-Oct-09			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278I	United States	12/615504	10-Nov-09			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278C	United States	10/241332	11-Sep-02	7132106	7-Nov-06	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278E	United States	11/586328	25-Oct-06	7618797	17-Nov-09	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278A	United States	09/470661	22-Dec-99	6500662	31-Dec-02	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278H	United States	12/619880	17-Nov-09			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010285C	United States	10/442807	20-May-03	6890929	10-May-05	Pyrrolo{2,3-d}pyrimidine Compounds
010285B	United States	09/956645	19-Sep-01	6610847	26-Aug-03	Pyrrolo{2,3-d}pyrimidine Compounds
010285D	United States	11/064873	23-Feb-05	7687507	30-Mar-10	Pyrrolo{2,3-d}pyrimidine Compounds
010298D	United States	10/389139	13-Mar-03	6733754	11-May-04	Adjuvants For Use In Vaccines
010298F	United States	10/953979	29-Sep-04	7393535	1-Jul-08	Adjuvants For Use In Vaccines



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010298A	United States	09/489713	24-Jan-00	6572861	3-Jun-03	Adjuvants For Use In Vaccines
010298B	United States	10/388947	13-Mar-03	6814971	9-Nov-04	Adjuvants For Use In Vaccines
010299A	United States	09/489711	24-Jan-00	7172762	6-Feb-07	Erysipelothrix Rhusiopathiae Antigens And Vaccine Compositions
010433A	United States	09/701760	25-Feb-00	6984378	10-Jan-06	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433B	United States	11/248552	12-Oct-05	7229615	12-Jun-07	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010475A	United States	09/442530	18-Nov-99	6329345	11-Dec-01	13-membered Azalides And Their Use As Antibiotic Agents
010512A	United States	09/563792	2-May-00	6583274	24-Jun-03	Novel Crystalline Forms Of A Macrolide Antibiotic
010610A	United States	09/768708	24-Jan-01	6514945	4-Feb-03	Azalide Antibiotic Compositions
010610B	United States	10/194718	11-Jul-02	6667393	23-Dec-03	Azalide Antibiotic Compositions
010650C	United States	10/412450	11-Jun-03	7858340	28-Dec-10	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
010650A	United States	09/637040	10-Aug-00	6632673	14-Oct-03	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
010761D	United States	12/624566	24-Nov-09	8273356	25-Sep-12	Anti-IGE Vaccines
010761C	United States	11/196897	4-Aug-05	7897151	1-Mar-11	Anti-IGE Vaccines
010761E	United States	13/591288	22-Aug-12			Anti-IGE Vaccines
010761A	United States	09/938700	24-Aug-01	6887472	3-May-05	Anti-IGE Vaccines
010849A	United States	10/133472	25-Apr-02	6825327	30-Nov-04	Process For Preparing 4-substituted-9-deoxo-9a-aza-9a-homoerythromycin-a Derivatives"
010862B	United States	10/776795	11-Feb-04	7129350	31-Oct-06	Coupling Process And Intermediates Useful For Preparing Cephalosporins
010947B	United States	10/994983	22-Nov-04	7355040	8-Apr-08	Novel Process
010947A	United States	09/918152	30-Jul-01	6825344	30-Nov-04	Novel Process
011027C	United States	11/112307	21-Apr-05	7192963	20-Mar-07	Pyrrolo{2,3-d(pyrimidine)} Compounds
011027B	United States	10/463724	16-Jun-03	6962993	8-Nov-05	Pyrrolo{2,3-d(pyrimidine)} Compounds
011027A	United States	09/891028	25-Jun-01	6696567	24-Feb-04	Pyrrolo{2,3-d(pyrimidine)} Compounds
011807B	United States	10/639855	13-Aug-03	6949572	27-Sep-05	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807C	United States	10/639854	13-Aug-03	6979692	27-Dec-05	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer

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011807A	United States	10/177858	20-Jun-02	6720351	13-Apr-04	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807D	United States	11/196563	2-Aug-05	7482368	27-Jan-09	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807E	United States	11/351571	10-Feb-06	7348355	25-Mar-08	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011858A	United States	90/008751	29-Jun-07	6846477C1		One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
011858A	United States	13/411232	2-Mar-12			One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
011858A	United States	10/174701	19-Jun-02	6846477	25-Jan-05	One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
019664B	United States	10/301245	21-Nov-02	6989238	24-Jan-06	Method of Sorting Birds In Ovo
019749A	United States	12/235316	22-Sep-08			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019749B	United States	13/550845	17-Jul-12			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022141F	United States	13/587249	16-Aug-12			Immunogenic LHRH Compositions And Methods Relating Thereto
022141B	United States	11/027683	3-Jan-05			Immunogenic LHRH Compositions And Methods Relating Thereto
022141B	United States	11/027683	3-Jan-05	7534441	19-May-09	Immunogenic LHRH Compositions And Methods Relating Thereto
022141E	United States	13/167438	23-Jun-11			Immunogenic LHRH Compositions And Methods Relating Thereto
022142A	United States	09/857797	24-Dec-99			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022142B	United States	13/420082	14-Mar-12			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	United States	12/681034	24-Sep-08			Genetic Markers for Horned and Polled Cattle and Related Methods
023034A	United States	10/361376	10-Feb-03	7388085	17-Jun-08	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
023034B	United States	12/107949	23-Apr-08	8008078	30-Aug-11	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins

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023064A	United States	10/292343	12-Nov-02	7378408	27-May-08	Formulations Of Cephalosporin
023106B	United States	11/253112	18-Oct-05	7235549	26-Jun-07	Benzamide, Heteroarylamide And Reverse Amides
023106A	United States	10/292887	12-Nov-02	7214677	8-May-07	Benzamide, Heteroarylamide And Reverse Amides
023152A	United States	10/292886	12-Nov-02	6927219	9-Aug-05	N-alkyl-adamantyl Triazinyl Benzamide Derivatives
025246C	United States	12/820566	22-Jun-10			Cattle Reproductive Disease Vaccines
025328B	United States	12/650715	31-Dec-09			Microfluidized Oil-in-water Emulsions And Vaccine Compositions
025353A	United States	10/578162	22-Nov-04	8092808	10-Jan-12	In Ovo Vaccination Of Campylobacter In Avian Species
025353B	United States	13/344007	5-Jan-12			In Ovo Vaccination Of Campylobacter In Avian Species
025496B	United States	11/942843	20-Nov-07	7736658	15-Jun-10	Canine Vaccines Against Bordetella Bronchiseptica
25521	United States	10/419661	21-Apr-03	7563449	21-Jul-09	Methods For Preventing Cattle Reproductive Diseases
025521A	United States	11/724624	15-Mar-07			Methods For Preventing Cattle Reproductive Diseases
025588A	United States	10/844251	12-May-04	7186742	6-Mar-07	Benzamides Inhibitors Of The P2X7 Receptor
025588B	United States	11/673246	9-Feb-07	7553972	30-Jun-09	Benzamides Inhibitors Of The P2X7 Receptor
025670A	United States	10/588070	17-Jan-05	8183230	22-May-12	Antimicrobial Preservatives To Achieve Multi-dose Formulation Using B-cyclodextrins For Liquid Dosage
025672B	United States	12/651732	4-Jan-10			Veterinary Compositions For Treating Mastitis
025930A	United States	10/593133	7-Mar-05	7687533	30-Mar-10	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
025930B	United States	12/628691	1-Dec-09	7803832	28-Sep-10	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
025951B	United States	12/098015	4-Apr-08	7754222	13-Jul-10	Safe Mutant Viral Vaccines
025951A	United States	10/893712	16-Jul-04	7361357	22-Apr-08	Safe Mutant Viral Vaccines
026082D	United States	13/089423	19-Apr-11	8084486	27-Dec-11	New Fluorinated Arylpyrazoles
026082A	United States	11/013176	15-Dec-04	7435753	14-Oct-08	New Fluorinated Arylpyrazoles
026082C	United States	12/364879	3-Feb-09	7960426	14-Jun-11	New Fluorinated Arylpyrazoles
026082B	United States	11/153103	15-Jun-05	7514464	7-Apr-09	New Fluorinated Arylpyrazoles
027946B	United States	13/367009	6-Feb-12			Solid Salt Forms Of A Pyrrole Substituted 2-indolinone
032251A	United States	11/096831	1-Apr-05	7122191	17-Oct-06	Microfluidized Oil-In-Water Emulsions And Vaccine Compositions

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032632B	United States	12/383937	30-Mar-09	8128937	6-Mar-12	N Protein Mutants Of Porcine Reproductive And Respiratory Syndrome Virus
032632A	United States	11/359334	22-Feb-06	7544362	9-Jun-09	N Protein Mutants Of Porcine Reproductive And Respiratory Syndrome Virus
032633A	United States	11/718828	2-Nov-05	7879337	1-Feb-11	Mutant Porcine Reproductive And Respiratory Syndrome Virus
032702B	United States	12/824287	28-Jun-10			Methods Of Vaccine Administration, New Feline Caliciviruses, And Treatments For Immunizing Animals A
032702A	United States	11/494825	28-Jul-06	7790169	7-Sep-10	Methods Of Vaccine Administration, New Feline Caliciviruses, And Treatments For Immunizing Animals A
032861F	United States	12/407365	19-Mar-09	7968584	28-Jun-11	Substituted Arylpyrazoles For Use Against Parasitites
032861A	United States	11/453053	14-Jun-06	7538134	26-May-09	Substituted Arylpyrazoles For Use Against Parasitites
032861C	United States	11/610879 (FF 33528)	14-Dec-06	7645786	12-Jan-10	Substituted Arylpyrazoles For Use Against Parasitites
033031B	United States	13/165877	22-Jun-11			Marked Bovine Viral Diarrhea Virus Vaccines
033245A	United States	12/490767	24-Jun-09			Novel Adjuvant Compositions
033250A	United States	11/698335	26-Jan-07			Novel Glycolipid Adjuvant Compositions
033251A	United States	11/851951	7-Sep-07			Heat Treated Bacterins And Emulsion Vaccines Prepared From Such Heat Treated Bacterins
033256A	United States	12/681690	14-Oct-08			Methods Of Culturing Lawsonia Intracellularis
033517A	United States	12/521148	23-Nov-07			Methods Of Vaccine Administration
033633A	United States	12/682226	15-Oct-08			Idarubicin For The Treatment Of Lymphoma In A Dog
033634A	United States	12/666143	16-Jun-08			Anthelmintic Combination
033701A	United States	12/542451	17-Aug-09	8133899	13-Mar-12	Pyrrolo [2,3-D] Pyrimidine Compounds
033701B	United States	13/360963	30-Jan-12			Pyrrolo [2,3-D] Pyrimidine Compounds
033709B	United States	12/775749	7-May-10			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798B	United States	12/761568	16-Apr-10			Torque Teno Virus (TTV) Isolates & Compositions
033798A	United States	12/733355	16-Oct-09			Torque Teno Virus (TTV) Isolates & Compositions
033814A	United States	12/491507	25-Jun-09			Substituted Imidazole Combinations
033857A	United States	12/624473	24-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein

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033876A	United States	13/147600	2-Feb-10			High Dosage Doramectin Formulation
033974A	United States	13/501371	16-Apr-10			Infectious Clones of Torque Teno Virus
033997A	United States	13/522339	4-Jan-11			Topical Antiparasitic Formulations
034004A	United States	13/576685	24-Jan-11			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
035332A	United States	11/974583	15-Oct-07	7802541	28-Sep-10	Poultry Vaccination Apparatus And Method
071645A	United States	13/080721	6-Apr-11			Substituted Isoxazoline Derivatives
071647A	United States	13/580156	15-Feb-11			Veterinary Compositions
071661A	United States	13/111020	19-May-11			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	United States	13/185561	19-Jul-11			Parapoxvirus Vectors
071703A	United States	13/197826	4-Aug-11			Isoxazoline Derivatives as Antiparasitic Agents
071713A	United States	13/233459	15-Sep-11			Isoxazoline Oximes as Antiparasitic Agents
071750A	United States	13/536081	28-Jun-12			Interleukin-31 Monoclonal Antibody
071752A	United States	13/459851	30-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071769A	United States	13/414764	8-Mar-12			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
071780A	United States	Pending	Pending			Canine Coronavirus Vaccine
71867	United States	61/549027	19-Oct-11			Use of Aminoacetonitrile Derivatives Against EndoParasites
71870	United States	61/547803	17-Oct-11			Novel Phenicol Antibacterials
71881	United States	29/404956	27-Oct-11			Structural Arrangement For An In Ovo Injection Device
71882	United States	61/554631	2-Nov-11			Indexing System for an In Ovo Injection Apparatus, and Associated Method
71891	United States	61/607280	6-Mar-12			Phenicol Antibacterials
71894	United States	61/564060	28-Nov-11			Methods Of Vaccinations Against Coccidiosis
71903	United States	61/635031	18-Apr-12			Vaccines and Methods to Treat Lyme Disease in Dogs
71905	United States	61/582742	3-Jan-12			A Method for Treating Lyme Disease
71907	United States	61/594614	3-Feb-12			Process for the Preparation of Chiral Isoxazoline Azetidine Derivatives as Antiparasitic Agents
71911	United States	61/620165	4-Apr-12			Mycoplasma Hyopneumoniae Vaccine
71912	United States	61/620175	4-Apr-12			PCV/Mycoplasma Hyopneumoniae Combination Vaccine

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71913	United States	61/620189	4-Apr-12			PCV/Mycoplasma Hyopneumoniae/PRRS Combination Vaccine
71915	United States	61/594569	3-Feb-12			Dihydrofuran Azetidine Derivatives as Antiparasitic Agents
71916	United States	61/699017	10-Sep-12			Spirocyclic Derivatives As Antiparasitic Agents
71916	United States	61/698380	7-Sep-12			Spirocyclic Derivatives As Antiparasitic Agents
71927	United States	61/611190	15-Mar-12			Egg Tray Advancement System for an In Ovo Injection Apparatus, and Associated Method
71928	United States	61/653558	31-May-12			Canine Respiratory Coronavirus For Treatment And Protection Against Bacterial Infections
71930	United States	61/644512	9-May-12			Azetidine Derivatives as Antiparasitic Agents
71931	United States	61/655561	5-Jun-12			Processing System For Transferring Eggs, And Associated Method
71932	United States	61/705704	26-Sep-12			Subunit Immersion Vaccines for Fish
071932A	United States	Pending	Pending			Subunit Immersion Vaccines for Fish
71936	United States	61/656056	6-Jun-12			Caninized Anti-NGF Antibodies And Methods Thereof
71939	United States	61/648461	17-May-12			Effective Vaccination Against Porcine Reproductive and Respiratory Syndrome (PRRS) Virus Prior to We
71944	United States	61/695410	31-Aug-12			Crystalline Forms of 1-(5'-(5-(3,5-Dichloro-4-Fluorophenyl)-5-(Trifluoromethyl)-4,5-Dihydroisoxazol-
71950	United States	61/698004	7-Sep-12			Spirocyclic Isoxazolines
71951	United States	61/673298	19-Jul-12			Bovine Influenza Virus Compositions
71952	United States	61/676384	27-Jul-12			Tick Toxin Compositions
71955	United States	61/674289	20-Jul-12			Dosing Regimen for Janus Kinase (JAK) Inhibitors
71956	United States	61/696423	4-Sep-12			Spirocyclic Isoxazoline Derivatives for Treatment of Sea Lice
71960	United States	61/698116	7-Sep-12			Spirocyclic Isoxazoline Parasitocidal Combinations
071965A	United States	Pending	Pending			Tricyclic Tetrahydroquinoline Antibacterial Agents
71965	United States	61/705709	26-Sep-12			Tricyclic Tetrahydroquinoline Antibacterial Agents
71966	United States	61/705815	26-Sep-12			Phenicol Antibacterial Agents
071966A	United States	Pending	Pending			Phenicol Antibacterial Agents
009424A	Uruguay	24798	3-Dec-97	14121	27-Jul-03	Parasitocidal Pyrazoles

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009424A	Uruguay	24923(13.947)	17-Mar-98	13.947	9-Aug-01	Parasitocidal Pyrazoles
026082A	Uruguay	28.670	14-Dec-04			New Fluorinated Arylpyrazoles
033245A	Uruguay	31942	26-Jun-09			Novel Adjuvant Compositions
033701A	Uruguay	32059	19-Aug-09			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Uruguay	32274	30-Nov-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
071661A	Uruguay	33.400	23-May-11			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Uruguay	33.523	20-Jul-11			Parapoxvirus Vectors
071703A	Uruguay	33.545	3-Aug-11			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Uruguay	34.206	20-Jul-12			Interleukin-31 Monoclonal Antibody
071752A	Uruguay	34.047	30-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Uruguay	34.286	23-Aug-12			Improved Vaccine Diagnostics
071769A	Uruguay	33.943	9-Mar-12			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
8385	Venezuela	1994-000050	17-Jan-94			Antiparasitic Agents
009424A	Venezuela	2478-97	4-Dec-97			Parasitocidal Pyrazoles
026082A	Venezuela	2121-04	13-Dec-04			New Fluorinated Arylpyrazoles
033245A	Venezuela	2009-01199	26-Jun-09			Novel Adjuvant Compositions
033857A	Venezuela	2173-09	3-Dec-09			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Venezuela	228-10	12-Feb-10			High Dosage Doramectin Formulation
071752A	Venezuela	2012-00545	30-Apr-12			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Venezuela	2012-01062	24-Aug-12			Improved Vaccine Diagnostics