

OLARTEMOURE

OLARTE MOURE & ASOCIADOS LTDA.

COPIA

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-054267- -00011-0000

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Carlos R. Olarte
Juan G. Mourc
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Liliana Galindo
a Clara Calderón
Mauricio Ávila
Laura Escobar
é Jairo Dangond
Gina Cáceres
Isabella Herrera
Zaava Ravid
Medellín
María Clara Múnera

Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

DIRECCIÓN DE NUEVAS CREACIONES

E. S. D.

Ref: Expediente No. 10-054.267

Solicitud de Patente de Invención titulada: "VACUNA VIVA AVIRULENTA DE MYCOPLAMA HYOPNEUMONIAE CON ADYUVANTE".

Solicitante: ZOETIS W LLC.

Nuestra Ref: P2010-000061

MEMORIAL DE ALCANCE

CARLOS R. OLARTE, mayor de edad y vecino de Bogotá, identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, me permito dar alcance al formulario de modificaciones radicado el 31 de mayo de 2013, aportando el documento que soporta el cambio de nombre para la solicitud en referencia y el poder de la sociedad Zoetis W LLC.

Respetuosamente, solicito al Despacho proceder de conformidad.

Atentamente,

CARLOS R. OLARTE
CC. No. 79.782.747 de Bogotá
T.P. 74.295

Adjunto: Documento Cambio de Nombre

OLARTEMOURE

OLARTE MOURE & ASOCIADOS LTDA.

General Power

The undersigned,

domiciled in

100 Campus Drive, Florham Park, New Jersey 07932, United States of America

hereby appoint to **Carlos R. Olarte and/or Juan Guillermo Moure** legal representatives with faculties to receive notifications and to appoint judicial or extrajudicial agents in Patents for Inventions, Utility Models, Layout-Designs (topographies) of Integrated Circuits, Industrial Designs, Trademarks, Advertising Slogans, Trade Names, Commercial Emblems, Geographical Indications, Protection of Trade Secrets, Obtainer's Certificates, Copyrights, Registration of Domain Names, Health Registrations, or any other intellectual property right Republic of Colombia, the Republic of Bolivia, the Republic of Ecuador, the Republic of Peru, and the Bolivarian Republic of Venezuela, to initiate before said authorities all the necessary actions to accomplish said purposes and to intervene in all instances, grades and procedural levels; to file and prosecute applications, declarations, complaints, to claim, counterclaim, answer claims and counterclaims; to make amendments; oppositions and all types of objections and writings of any nature; cancellations and administrative injunction proceedings; to pay all installments and effect all other payments prescribed by law; to receive documents and monies; act as complainants as well as defendants, before the competent judges, with full powers to request preliminary injunctions of any nature, settle, make arrangements, to submit to arbitrators, to desist from claims or procedures, to accept claims, to collect, to ratify legal proceedings subscribed before the appointment and/or presentation of this Power, substitute or delegate the legal representation and other acts prescribed by law, in short, with all such further powers as may be required; to comply with all other requirements and, to take all those measures which they may deem fit for the protection of our interests.

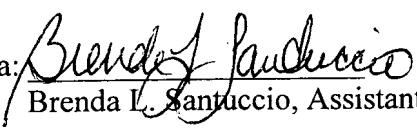
Poder General

El suscrito,
ZOETIS W LLC

domiciliado en

nombramos por el presente a **Carlos R. Olarte y/o Juan Guillermo Moure** nuestros representantes legales con facultades para recibir notificaciones y nombrar apoderados judiciales o extrajudiciales en Patentes de Invención, Modelos de Utilidad, Esquemas de Trazados de Circuitos Integrados, Diseños Industriales, Marcas, Lemas Comerciales, Nombres Comerciales, Enseñas Comerciales, Denominaciones de Origen, Protección de Secretos Empresariales, Certificados de Obtentor, Derechos de Autor, Registro de Nombres de Dominio, Registros Sanitarios, o cualquier otro bien de propiedad intelectual en la República de Colombia, República de Bolivia, República de Ecuador, República de Perú y la República Bolivariana de Venezuela ya sean administrativas, judiciales o de policía, para iniciar ante dichas autoridades todas las acciones necesarias para cumplir con el objeto indicado e intervenir en todas las instancias, grados o etapas procesales; elevar y tramitar solicitudes, declaraciones y reclamos, para demandar, reconvenir, contestar demandas y reconvencciones; formular enmiendas, oposiciones y todo tipo de impugnaciones y escritos de cualquier naturaleza; instaurar cancelaciones y amparos administrativos; abonar todos los impuestos y cuotas y efectuar cualquier otro pago determinado por la ley; recibir todos los documentos y valores; intervenir como demandantes o demandados ante los jueces que sean competentes, pudiendo solicitar medidas cautelares de cualquier naturaleza, conciliar, transar, someter a árbitros, desistirse de la pretensión y/o el procedimiento, allanarse a la pretensión, percibir, ratificar los actos jurídicos procesales suscritos con anterioridad al otorgamiento y/o presentación del presente poder, sustituir o delegar la representación procesal y los demás actos que exprese la ley, con todas las demás facultades que resulten necesarias; llenar cualesquiera otros requisitos y tomar, en fin, todas las medidas que creyeren conducentes al resguardo de nuestros intereses.

Signature/Firma:


Brenda L. Santuccio, Assistant Secretary, Zoetis W LLC

Date/Fecha: 15th April 2013

City/Country/Ciudad,País: New Jersey, United States of America.

01/04/13
Carlos R. Olarte
Juan G. Moure

Alexander Agudelo
Carlos A. Parra
Juan Felipe Acosta
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Laura Escobar
José Jairo Dangond
Gina Cáceres
Isabella Herrera
Zaava Ravid

Medellín
María Clara Múnera

DECLARACION JURAMENTADA

Yo, Gelsomina Hohmann, por la presente certifico que la copia adjunta ha sido comparado con la Cesión de patente original entre **Wyeth LLC a PAH W LLC**. (efectiva 1 de octubre de 2012) y que dicha copia es copia fiel del original.

Fecha el 8 de abril de 2013, en Madison, New Jersey Estados Unidos de América.

Firmado: Gelsomina Hohmann

PARA SER USADO EN COLOMBIA

RECONOCIMIENTO

Estado de New Jersey

Condado de Morris

El 8 de abril de 2013, compareció personalmente Gelsomina Hohmann, conocido del suscrito, y conocido del suscrito como la persona descrita en el anterior instrumento y quien lo suscribió, la cual reconoció que suscribió el mismo por su propia voluntad y para los fines expuestos en el mismo.

(Firma ilegible)

MICHELLE L. McGOWAN

Notario Público de New Jersey

I.D. No 2409814

Mi comisión vence el 22 de junio de 2016

CESION DE PATENTE

Esta asignación de patente ("cesión") se hace efectiva a partir del 01 de octubre 2012 (la "fecha efectiva"), por y entre Wyeth LLC.(f/k/a Wyeth, f/k/a American Home Products Corporation), una sociedad constituida bajo las leyes de Delaware, ("cesionario"). Cedente y el cesionario se refieren a veces en este documento de forma individual como una "Parte" y colectivamente como las "Partes". Los términos en mayúscula utilizados pero tampoco definen en este documento tendrán el significado atribuido a los términos del Acuerdo de Aportaciones (tal como se define en este documento).

EXPONEN:

CONSIDERANDO, que el cedente es titular de las patentes y solicitudes de ellos, identificados en el Anexo A del presente (colectivamente, los "derechos de patente asignados"), y

CONSIDERANDO que, de conformidad con el acuerdo de activos contribución, de fecha de 1 de octubre de 2012 entre cedente y cesionario, (el "acuerdo de contribución") Cedente está asignando al cesionario todos del Cedente derechos, títulos e intereses, para y bajo la patente asignada los derechos;

AHORA, POR LO TANTO, para bien y oneroso Se acusó recibo de la cual y en consideración de los acuerdos de inversión, disposiciones y condiciones establecidas en esta asignación, las Partes, con la intención de obligarse legalmente, convienen en lo siguiente:

1. **Traspaso**: Cedente quedará vende, cede, la transferencia y la transmite al cesionario el derecho entero, títulos e intereses, con y bajo (a) los derechos de patentes asignadas a los Estados Unidos y de todos los países,

incluyendo todos y cada uno (i) de la división, continuaciones y continuaciones en parte y que la prioridad pretensión de los derechos de patente, hasta el límite de las reclamaciones de los mismos son totalmente compatibles con dichos derechos asignados de patentes, (ii) reediciones, renovaciones, ampliaciones o adiciones de los derechos de patente asignados, (iii) equivalentes en el extranjero de los derechos de patente asignados, y (iv) los derechos de solicitar, procesar y obtener patentes en relación con cualquiera de los inventos en la medida en el pleno apoyo de los derechos de patente asignados en cualquier país del mundo, incluido el derecho a reivindicar la prioridad de los derechos de patente asignados en virtud del Convenio de París para la Protección de la Propiedad Industrial, y en virtud de cualquier y todos los demás esos tratados y acuerdos a los que los Estados Unidos es una parte y que prevén privilegios prioridad alegando similares en todos los países de la mundo, y (b) el derecho de demandar y recuperar daños y otros recursos con respecto a cualquier infracción pasada, presente o futura, o cualquier otro uso no autorizado de los derechos asignados de patentes.

2. **Expedición y registro:** Cedente autoriza y solicita al Comisionado de Patentes y Marcas Registradas de los Estados Unidos y cualquier funcionario de cualquier país extranjero cuyo deber es a conceder patentes sobre las aplicaciones descritas anteriormente, para emitir cualquier y todos los derechos asignados al cesionario de patentes, sus sucesores y cesionarios , de conformidad con los términos de esta asignación, Cedente solicito el Comisionado de Patentes y Marcas, y las entidades correspondientes o agencias en cualquier jurisdicción extranjera aplicable, grabar cesionario que el cesionario y el dueño de los derechos asignados de patentes. Cesionario tendrá derecho a registrar esta asignación con todas las autoridades gubernamentales aplicables y registradores con el fin de perfeccionar la propiedad de los derechos asignados de patentes.
3. **Ninguna Modificación:** Nada de lo contenido en esta asignación se pretende o se considerará que modificar, alterar, modificar o cambiar

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cualquiera de los derechos u obligaciones del cesionario o cedente en el marco del Acuerdo de contribución o de cualquier otro acuerdo celebrado por las partes o cualquiera de sus filiales en relación con la GSA. Sin perjuicio de lo anterior, en el caso y en la medida que ha de haber un conflicto entre las disposiciones del presente Acuerdo y de las disposiciones del Acuerdo de Aportaciones, el Acuerdo de Contribución controlará.

4. **Sucesores y Cesionarios:** Esta asignación será vinculante y redundará en beneficio de las partes y sus respectivos sucesores y cesionarios.
5. **Contrapartes:** Esta asignación se podrá ejecutar en uno o más ejemplares, cada uno o que se consideren y original, y todos los cuales constituirán uno y el mismo acuerdo y se hará efectiva cuando una o varias contrapartes han sido firmados por cada una de las partes y entregado a la otra parte, en el entendimiento de que ambas partes no tienen que firmar la misma contraparte.
6. **Interpretación:** El artículo y la sección de encabezado contenida en esta asignación son el único fin de la referencia, no son parte del acuerdo de las partes y no podrá en ningún efecto manera el significado o interpretación de esta asignación.
7. **Más garantías:** Cedente y el cesionario presente convenio y de acuerdo, sin la necesidad de cualquier otra consideración, para ejecutar, reconocer y entregar cualquier y todos los demás documentos y tomar cualquier otra acción que pueda ser necesaria o apropiada para implementar esta tarea y llevar a cabo la intención y el propósito de esta actividad.
8. **Jurisdicción aplicable:** Esta asignación se registrará y se interpretará y se interpretará de acuerdo con las leyes o el estado o Nueva York.
9. **Jurisdicción:** Cualquier procedimiento judicial interpuesto por cualquiera de las partes a continuación contra el otro con respecto a esta asignación puede ser llevado exclusivamente en los tribunales del Estado de Nueva York, y, en su ejecución y entrega de esta asignación, Cedente (a) acepta, en general y sin condiciones, a la jurisdicción de dichos tribunales e

irrevocablemente acepta que quedará vinculado por toda sentencia con ello, y (b) renuncia irrevocablemente a cualquier objeción que pueda tener ahora o en el futuro en cuanto a la competencia de cualquier demanda, acción o procedimiento presentado en un tribunal o que dicho tribunal es un foro inconveniente. Consiente Cedente que el servicio del proceso en que se puede presentar por correo certificado con acuse de recibo, a la dirección especificada o determinada anteriormente y el servicio lo hizo, se considerará concluido cuando se reciben. Nada de lo aquí afectará el derecho de hacer las notificaciones de cualquier otra forma permitida por la ley o limitará el derecho del cesionario a interponer un recurso contra el cedente en los tribunales de cualquier otra jurisdicción.

EN FE LO CUAL, Cedente y Cesionario haber causado esta Cesión para ser ejecutado por sus representantes debidamente autorizados a partir de la fecha de vigencia.

CEDENTE
WYETH LLC
(firma ilegible)
ROBERT LAMM
Vice presidente

CESIONARIO
PAH W LLC
(firma ilegible)
ANDRE PETRUNOFF
Vice PRESIENTE

TESTIGO EN CUANTO A POR:
Firma ilegible
Nombre: AleXis Ariel Ferra
Nacionalidad: Americano
Cargo: Asistente Administrativo
Direccion Of: 235 E 42nd Street
New York, NY 10017

TESTIGO EN CUANTO A POR:
Firma ilegible
Nombre: Gary Ross Genaru
Nacionalidad:
Cargo; Especialista Mayor
Direccion Of: 235 E 42nd NYC
100017

ESTADO DE NEW YORK)

SS:

CONDADO DE NEW YORK)

Este documento es ejecutado ante mi el 27 de Septiembre de 2012, Robert lamm, el Vice Presidente (titulo) por WYETH LLC, una compañía organizada bajo las leyes de Delaware, en nombre de dicha compania.

Notario publico
VERONICA DICAMILLO
Notario Publico del Estado de New York
Calificado en Condado de New York
No. 02DI2601545
Mi comision vence el 2 de marzo de 2013

ESTADO DE NEW YORK)

SS:

CONDADO DE NEW YORK)

Este documento es ejecutado ante mi el 27 de Septiembre de 2012, Andre Petronoff, el Vice Presidente (titulo) por PAH W LLC, una compañía organizada bajo las leyes de Delaware, en nombre de dicha compania.

Notario publico
VERONICA DICAMILLO
Notario Publico del Estado de New York
Calificado en Condado de New York
No. 02DI2601545
Mi comision vence el 2 de marzo de 2013

APENDICE

DIRECCION CEDENTE: Five Giralda Farma
Madison, NJ 07940
Estados Unidos

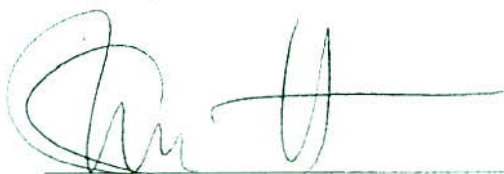
DIRECCION CEDENTE: 235 East 42nd Street
New York, NY 10017-5755
Estados Unidos

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AFFIDAVIT

I, Gelsomina Hohmann, do hereby certify that the attached copy has been compared with the original Patent Assignment between Wyeth LLC to PAH W LLC (effective October 1, 2013), and that the said copy is a true copy of the original.

Dated this 8th day of April, 2013, at Madison, New Jersey, United States of America.


Gelsomina Hohmann

TO BE USED IN COLOMBIA

ACKNOWLEDGMENT

State of New Jersey)
)
County of Morris)

On this 8th day of April, 2013, before me personally appeared Gelsomina Hohmann, to me known and known to me to be the individual described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same.


Notary Public

MICHELLE L. MCGOWAN
NOTARY PUBLIC OF NEW JERSEY
I.D. # 2409814
My Commission Expires 6/22/2016

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is made effective as of October 1, 2012 (the "Effective Date"), by and between Wyeth LLC (f/k/a Wyeth, f/k/a American Home Products Corporation), a limited liability company organized under the laws of Delaware ("Assignor") and PAH W 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:
WYETH LLC


Name: Robert Lamm
Title: Vice President

ASSIGNEE:
PAH W LLC


Name: Andre Petrunoff
Title: Vice President

WITNESSED AS TO BOTH BY:


Name: Alexis L. Fera
Nationality: American
Title: Administrative Assistant
Commercial address:
235 E. 42nd Street
New York, NY 10017

WITNESSED AS TO BOTH BY:


Name: Gary Ross Grenas
Nationality: USA
Title: SENIOR SPECIALIST
Commercial address:
235 E 42 NYC 10017

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

This instrument was executed before me on this 27 day of September, 2012 by Robert Lamm, the Vice President (title) of Wyeth 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

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

This instrument was executed before me on this 27 day of September, 2012, by Andre Petrovoff, the Vice President (title) of PAH W 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

ADDENDUM

ASSIGNOR'S ADDRESS: Five Giralda Farms
Madison, NJ 07940
United States

ASSIGNEE'S ADDRESS: 235 East 42nd Street
New York, NY 10017-5755
United States

SCHEDULE A
ASSIGNED PATENTS

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
50969	A.R.I.P.O.	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
51143 ¹	A.R.I.P.O.	AP/P/2008/004625	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
54058	A.R.I.P.O.	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
63840	A.R.I.P.O.	AP/P/2007/004240	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
54030	Albania	AP/P/2008/2772	20-Oct-03	2750	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
58004	Albania	EP0863955	7-Nov-96	00086	11-Aug-99	A Removably Replaceable Readherable Label
60599	Albania	AI/P/2008/2533	12-May-04	2529	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
65792	Albania	EP1308163	22-Aug-02	AI-P-04-01025	14-Apr-04	Endoparasiticide Gel Composition
35013	Argentina	P030101717	16-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Argentina	P100103199	1-Sep-10			Heterologous Prime-boost Immunization Regimen
50232	Argentina	P080102641	20-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50674	Argentina	P090103175	19-Aug-09			Immunological Composition
50969	Argentina	P050104219	6-Oct-05			Multivalent Avian Influenza Vaccines
52099	Argentina	P030100426	11-Feb-03	AR038485 B1	31-Oct-11	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Argentina	P030103810	20-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Argentina	P050104238	7-Oct-05			Amitraz Compositions
54904	Argentina	P-080102316	2-Jun-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Argentina	P010105861	18-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Argentina	P030104494	5-Dec-03			Escape Mutants Of Newcastle Disease Virus As Marker Vaccines

¹ St. Jude Children's Research Hospital is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
57060	Argentina	P050100919	10-Mar-05			A Canine Vaccine For Protection Against Ehrlichiosis
57292	Argentina	P-090103029	6-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Argentina	P030103754	15-Oct-03	AR041627 B1	30-Mar-10	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Argentina	P960105399	28-Nov-96	AR004352 B1	15-Jul-05	A Removably Replaceable Readherable Label
58833	Argentina	P030103289	11-Sep-03	AR041230 B1	30-Sep-10	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	Argentina	P100100507	22-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Argentina	P060102127	23-May-06			Device And Method For Controlling Insects
60599	Argentina	P040101654	14-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Argentina	P040101655	14-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Argentina	P-080103957	11-Sep-08			Live Attenuated Mycoplasma Strains
61885	Argentina	P060105354	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Argentina	P-080104863	6-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Argentina	P060102128	23-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Argentina	P-080103956	11-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Argentina	P080102380	4-Jun-08			Stable Non-aqueous Pour-on Compositions
64943	Argentina	P090103872	8-Oct-09			Benzimidazole Anthelmintic Compositions
65297	Argentina	330514	22-Dec-94	254660	15-Nov-00	Solid Insecticidal Formulation
65792	Argentina	P020103193	26-Aug-02			Endoparasiticide Gel Composition
066604A	Argentina	P100103632	6-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67834	Argentina	P050100954	11-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Argentina	P-080102317	2-Jun-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	Argentina	331985	8-May-95	AR256046 M	6-Jul-04	Improved Modified Live BRSV Vaccine
70832	Argentina	P-080105635	19-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus



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35013	Australia	2003303129	14-May-03	2003303129	23-Feb-10	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Australia	2010289734	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Australia	2008265745	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	Australia	54575/96	29-May-96	712972	2-Mar-00	Adjuvants For Viral Vaccines
050674A	Australia	2009282581	19-Aug-09			Immunological Composition
050969A	Australia	2011224046	14-Sep-11			Multivalent Avian Influenza Vaccines
051482A	Australia	2010288269	25-Aug-10			Assay Methods for MDV-1
53008	Australia	2008100331	15-Apr-08	2008100331	22-May-08	Device For Conveying A Biological Agent
54030	Australia	2003255177	20-Oct-03	2003255177	21-Jan-10	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Australia	2005294257	7-Oct-05	2005294257	8-Sep-11	Amitraz Compositions
54104	Australia	78276/01	8-Oct-01	782867	15-Dec-05	Anthelmintic Composition
55145	Australia	2005210632	1-Feb-05	2005210632	19-May-11	Anthelmintic Composition
55494	Australia	2002243426	13-Nov-01	2002243426	13-Sep-07	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
55542	Australia	2002228993	11-Dec-01	2002228993	19-Oct-06	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
56996	Australia	18242/99	14-Dec-98	761429	18-Sep-03	Polymeric Microporous Film Coated Subcutaneous Implant
057292A	Australia	2009279528	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Australia	2003271722	14-Oct-03	2003271722	6-Nov-08	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Australia	76091/96	7-Nov-96	720510	14-Sep-00	A Removably Replaceable Readherable Label
058896A	Australia	2010215994	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Australia	2006249431	19-May-06	2006249431	21-Jun-12	Device And Method For Controlling Insects
59415	Australia	54574/96	29-May-96	710499	20-Jan-00	Adjuvants For Viral Vaccines
60599	Australia	2004240584	12-May-04	2004240584	22-Apr-10	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Australia	2004240585	12-May-04	2004240585	2-Dec-10	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Australia	2008298749	12-Sep-08			Live Attenuated Mycoplasma Strains

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61885	Australia	2006322120	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Australia	2008324780	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Australia	2006249423	18-May-06	2006249423	23-Feb-12	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Australia	2002365244	23-Jul-02	2002365244	20-Mar-08	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Australia	2008299913	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Australia	2008259807	4-Jun-08	2008259807	8-Dec-11	Stable Non-aqueous Pour-on Compositions
064943A	Australia	2009245834	2-Oct-09			Benzimidazole Anthelmintic Compositions
65297	Australia	81682/94	22-Dec-94	693825	5-Nov-98	Solid Insecticidal Formulation
065299A	Australia	2009210500	29-Jan-09			Swine Vaccination System
065299A	Australia	2012203263	1-Jun-12			Swine Vaccination System
65792	Australia	2002300870	22-Aug-02	2002300870	23-Aug-07	Endoparasiticide Gel Composition
066604A	Australia	2010303741	29-Sep-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67235	Australia	96161/98	16-Oct-98	753804	13-Mar-03	Veterinary Vaccines
67834	Australia	2005222604	10-Mar-05	2005222604	24-Nov-11	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
70815	Australia	24387/95	8-May-95	711350	27-Jan-00	Improved Modified Live BRSV Vaccine
070832A	Australia	2008343172	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
70849	Australia	2008219380	25-Feb-08			Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
71298	Australia	37025/02	26-Apr-02	776364	23-Dec-04	Oil Emulsion Bivalent Botulinum Vaccine
50384	Austria	96303835.1	29-May-96	E284710	15-Dec-04	Adjuvants For Viral Vaccines
52099	Austria	03713628.0	21-Feb-03	E405288	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Austria	03256595.4	20-Oct-03	E405161	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Austria	01308417.3	2-Oct-01	E320812	22-Mar-06	Anthelmintic Composition
55542	Austria	01990123.0	11-Dec-01	E359813	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Austria	05735365.8	10-Mar-05	E530566	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Austria	EP0863955	7-Nov-96	E183227	11-Aug-99	A Removably Replaceable Readherable Label

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Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
58833	Austria	03255660.7	10-Sep-03	E553126	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Austria	06760127.8	19-May-06	E472248	30-Jun-10	Device And Method For Controlling Insects
59415	Austria	96303930.0	31-May-96	E222504	21-Aug-02	Adjuvants For Viral Vaccines
60599	Austria	04751979.8	12-May-04	E380557	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Austria	06770587.1	18-May-06	E516023	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Austria	02255855.5	22-Aug-02	E264108	14-Apr-04	Endoparasitocidal Gel Composition
66545	Austria	02769679.8	3-May-02	E521364	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Austria	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Austria	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Austria	05796311.8	12-Sep-05	E557723	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Austria	99115633.2	8-May-95	E365049	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Austria	EP0759780	8-May-95	E195255	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Austria	08730629.6	25-Feb-08	E564188	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50384	Belgium	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Belgium	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Belgium	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Belgium	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Belgium	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Belgium	03796596.9	3-Dec-03	1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	Belgium	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Belgium	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label

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58833	Belgium	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Belgium	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Belgium	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Belgium	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Belgium	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Belgium	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasitocidal Gel Composition
66545	Belgium	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Belgium	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Belgium	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
70815	Belgium	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Belgium	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Belgium	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54058	Bolivia	SP-0268-2005	7-Oct-05			Amitraz Compositions
50969	Botswana	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Botswana	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
35013	Brazil	PI0310082-0	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Brazil	BR112012004703-5	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Brazil	PI0812856-1	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Brazil	PI0917290-4	19-Aug-09			Immunological Composition
50969	Brazil	PI0516542-3	6-Oct-05			Multivalent Avian Influenza Vaccines
051482A	Brazil	BR112012004101029	25-Aug-10			Assay Methods for MDV-1
54030	Brazil	PI0304618-4	17-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Brazil	PI0516540-7	7-Oct-05			Amitraz Compositions



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54904	Brazil	PI0813313-1	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Brazil	PI0116249-7	11-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Brazil	PI0508655-8	10-Mar-05			A Canine Vaccine For Protection Against Ehrlichiosis
057292A	Brazil	PI0917447-8	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Brazil	PI0315340-1	14-Oct-03			Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Brazil	PI9611658-7	7-Nov-96	PI9611658-7	14-Sep-04	A Removably Replaceable Readherable Label
58561	Brazil	PI0807233-7	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control
58833	Brazil	PI0303500-0	10-Sep-03			Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	Brazil	PI1008403-7	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Brazil	PI0610141-0	19-May-06			Device And Method For Controlling Insects
60599	Brazil	PI0410332-7	12-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Brazil	PI0410355-6	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Brazil	PI08166862	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	Brazil	PI0619620-9	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Brazil	PI0820341-5	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Brazil	PI0610146-1	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Brazil	PI0211492-5	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Brazil	PI0817334-6	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Brazil	PI0813159-7	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Brazil	PI0919293-0	2-Oct-09			Benzimidazole Anthelmintic Compositions
65297	Brazil	PI9405236-0	23-Dec-94	PI9405236-0	31-Oct-00	Solid Insecticidal Formulation
065299A	Brazil	PI0907058-3	29-Jan-09			Swine Vaccination System
65792	Brazil	PI0203388-7	26-Aug-02			Endoparasiticide Gel Composition

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066604A	Brazil	BR112012008185-3	29-Sep-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67834	Brazil	PI0508660-4	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Brazil	PI0814929-1	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	Brazil	PI9507717-0	8-May-95	PI9507717-0	12-Apr-05	Improved Modified Live BRSV Vaccine
070832A	Brazil	PI0821286-4	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
52099	Bulgaria	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Bulgaria	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Bulgaria	107898	11-Dec-01	66213	20-Feb-12	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Bulgaria	05735365.8	10-Mar-05	7665	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Bulgaria	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Bulgaria	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Bulgaria	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Bulgaria	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Bulgaria	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasitocidal Gel Composition
67122	Bulgaria	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Bulgaria	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Bulgaria	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
050041A	Canada	2770070	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Canada	2692098	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	Canada	2177668	29-May-96	2177668	24-Feb-09	Adjuvants For Viral Vaccines
050674A	Canada	2734654	19-Aug-09			Immunological Composition

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50969	Canada	2581355	6-Oct-05			Multivalent Avian Influenza Vaccines
051482A	Canada	2771962	25-Aug-10			Assay Methods for MDV-1
54030	Canada	2444692	15-Oct-03	2444692	10-Jan-12	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Canada	2580577	7-Oct-05			Amitraz Compositions
55905	Canada	2508139	3-Dec-03	2508139	22-Sep-09	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
56996	Canada	2304272	14-Dec-98	2304272	13-Nov-07	Polymeric Microporous Film Coated Subcutaneous Implant
057292A	Canada	2732822	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Canada	2500429	14-Oct-03	2500429	12-Jun-12	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Canada	2237570	7-Nov-96	2237570	31-Jul-01	A Removably Replaceable Readherable Label
58561	Canada	2676832	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control
058896A	Canada	2751038	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Canada	2608590	19-May-06			Device And Method For Controlling Insects
59415	Canada	2177667	29-May-96	2177667	18-Jun-08	Adjuvants For Viral Vaccines
60599	Canada	2524942	12-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Canada	2524939	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Canada	2699367	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	Canada	2630458	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Canada	2704775	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Canada	2609057	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Canada	2452545	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Canada	2699410	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Canada	2684288	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Canada	2737102	2-Oct-09			Benzimidazole Anthelmintic Compositions
065299A	Canada	2713767	29-Jan-09			Swine Vaccination System

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65792	Canada	2399426	22-Aug-02	2399426	1-Dec-09	Endoparasiticide Gel Composition
67235	Canada	2307000	16-Oct-98	2307000	4-Jan-11	Veterinary Vaccines
67834	Canada	2557844	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
70703	Canada	2619010	8-Aug-06			Substituted-3-sulfonylindazole Derivatives As 5-hydroxytryptamine-6 Ligands
070832A	Canada	2710247	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
35013	Chile	00397-2010	15-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
35013	Chile	957/2003	15-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Chile	00580-2012	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Chile	1806-2008	18-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Chile	0355-2011	19-Aug-09			Immunological Composition
50969	Chile	2615/2005	6-Oct-05			Multivalent Avian Influenza Vaccines
52099	Chile	0219/2003	4-Feb-03			Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Chile	2105/2003	17-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Chile	2629/2005	7-Oct-05			Amitraz Compositions
54904	Chile	1543-2008	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Chile	3067/2001	18-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Chile	2535/2003	4-Dec-03	47134	29-Nov-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
057292A	Chile	2011-262	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Chile	2066/2003	14-Oct-03	46999	31-Aug-10	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Chile	2097/96	28-Nov-96	45604	6-Oct-09	A Removably Replaceable Readherable Label
59330	Chile	1230-2006	23-May-06	48.108	23-Dec-11	Device And Method For Controlling Insects
061067A	Chile	2709-2008	11-Sep-08			Live Attenuated Mycoplasma Strains



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61885	Chile	3318-2006	29-Nov-06			Benzimidazole Non-aqueous Compositions
062557A	Chile	3304-2008	6-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Chile	1229-2006	23-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Chile	2675-2008	9-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Chile	1614/2008	3-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Chile	0768-2011	2-Oct-09			Benzimidazole Anthelmintic Compositions
65792	Chile	1913/2002	26-Aug-02	46007	6-Oct-09	Endoparasiticide Gel Composition
67834	Chile	00524-2005	11-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
67834	Chile	01175-2010	26-Oct-10			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Chile	1558-2008	29-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70231	Chile	2317/2002	9-Oct-02	45473	9-Sep-09	[[2-(amino-3,4-dioxo-1-cyclobuten-1-yl)amino]alkyl]-acid Derivatives For The Treatment Of Pain
70832	Chile	03813-2008	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
35013	China P.R.	03811098.9	14-May-03	315241	21-Mar-07	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	China P.R.	201080039049.8	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	China P.R.	200880024112.3	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	China P.R.	200980141319.3	19-Aug-09			Immunological Composition
50969	China P.R.	200580033697.1	6-Oct-05	200580033697.1	17-Aug-11	Multivalent Avian Influenza Vaccines
51143 ²	China P.R.	200780017831.8	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
051482A	China P.R.	201080043079.6	25-Aug-10			Assay Methods for MDV-1
54030	China P.R.	200310115699.8	20-Oct-03	540872	26-Aug-09	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	China P.R.	200580033698.6	7-Oct-05	200580033698.6	9-Dec-09	Amitraz Compositions

² St. Jude Children's Research Hospital is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
54904	China P.R.	200880017695.7	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55494	China P.R.	01822109.2	13-Nov-01	388831	9-Apr-08	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
55542	China P.R.	01822634.5	11-Dec-01	305082	24-Jan-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	China P.R.	200380109438.3	3-Dec-03	537553	19-Aug-09	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
057292A	China P.R.	200980139962.2	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58833	China P.R.	03164909.2	11-Sep-03			Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
058896A	China P.R.	201080008765.X	19-Feb-10			Improved-scent Ectoparasitocidal Formulation
59330	China P.R.	200680017768.3	19-May-06	200680017768.3	11-May-11	Device And Method For Controlling Insects
60599	China P.R.	200480020275.6	12-May-04	396876	14-May-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	China P.R.	200480012919.7	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061023A	China P.R.	201110218556.4	22-Jul-11			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	China P.R.	200880111517.0	12-Sep-08			Live Attenuated Mycoplasma Strains
062557A	China P.R.	200880118541.7	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	China P.R.	200680018133.5	18-May-06	200680018133.5	9-Mar-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	China P.R.	02814664.6	23-Jul-02	282718	6-Sep-06	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	China P.R.	200610105811.3	12-Jul-06			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	China P.R.	200880115552.X	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	China P.R.	200880015213.4	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	China P.R.	200980139535.4	2-Oct-09			Benzimidazole Anthelmintic Compositions
065299A	China P.R.	200980112042.1	29-Jan-09			Swine Vaccination System
65792	China P.R.	02142067.X	26-Aug-02	242957	4-Jan-06	Endoparasitocidal Gel Composition

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
66545	China P.R.	02809600.2	3-May-02	336270	18-Jul-07	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	China P.R.	200410068440.7	6-Aug-04	448451	3-Dec-08	A Method Of Purifying Moxidectin Through Crystallization
67834	China P.R.	200580008040.X	10-Mar-05	200580008040.X	23-Jun-10	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	China P.R.	200880022595.3	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	China P.R.	95193942.4	8-May-95	277905	9-Aug-06	Improved Modified Live BRSV Vaccine
070832A	China P.R.	200880125584.8	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
050041A	Colombia	12-044.534	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Colombia	09.144.676	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Colombia	11-022016	19-Aug-09			Immunological Composition
50969	Colombia	07.034.174	6-Oct-05			Multivalent Avian Influenza Vaccines
54058	Colombia	07.034.171	7-Oct-05	Awaiting	20-Apr-12	Amitraz Compositions
54904	Colombia	09133041	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
57060	Colombia	06.090.872	10-Mar-05	awaiting	15-Jun-12	A Canine Vaccine For Protection Against Ehrlichiosis
057292A	Colombia	11-014.593	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58004	Colombia	96/062508	27-Nov-96	26831	26-Dec-00	A Removably Replaceable Readherable Label
60599	Colombia	05-114.668	12-May-04	1099	31-Aug-10	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Colombia	05114684	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Colombia	10-035.477	12-Sep-08			Live Attenuated Mycoplasma Strains
062557A	Colombia	10-054.267	6-May-10			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Colombia	07123144	18-May-06	Awaiting	29-Feb-12	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Colombia	10-030.400	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Colombia	09.137.817	4-Jun-08			Stable Non-aqueous Pour-on Compositions
65792	Colombia	02073011	21-Aug-02	28643	26-Oct-06	Endoparasiticide Gel Composition

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
67834	Colombia	06.091.380	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Colombia	09136415	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
070832A	Colombia	10-074.488	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
58004	Costa Rica	5445	28-Nov-96	2585	5-Nov-01	A Removably Replaceable Readherable Label
35013	Croatia	P20041068A	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
54030	Croatia	P20030856A	20-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Croatia	P20030585A	11-Dec-01	P20030585	28-Feb-08	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
60599	Croatia	04751979.8	12-May-04	P20080069	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
64013	Croatia	P20040195A	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
52099	Cyprus	03713628.0	21-Feb-03	CY110847 9	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Cyprus	03256595.4	20-Oct-03	CY110843 0	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Cyprus	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Cyprus	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Cyprus	05735365.8	10-Mar-05	CY111212 0	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Cyprus	03255660.7	10-Sep-03	CY110041 1	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Cyprus	06760127.8	19-May-06	CY111070 9	30-Jun-10	Device And Method For Controlling Insects
60599	Cyprus	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Cyprus	06770587.1	18-May-06	CY111174 2	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Cyprus	02255855.5	22-Aug-02	CY110209 9	14-Apr-04	Endoparasiticide Gel Composition
66545	Cyprus	02769679.8	3-May-02	CY111212 3	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus

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Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
67122	Cyprus	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Cyprus	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Cyprus	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Czech Republic	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Czech Republic	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Czech Republic	PV2003-1721	11-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Czech Republic	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Czech Republic	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Czech Republic	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Czech Republic	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Czech Republic	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Czech Republic	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
67122	Czech Republic	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Czech Republic	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Czech Republic	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50384	Denmark	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Denmark	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Denmark	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Denmark	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Denmark	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine

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57060	Denmark	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Denmark	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Denmark	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Denmark	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Denmark	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Denmark	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Denmark	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Denmark	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticial Gel Composition
66545	Denmark	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Denmark	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Denmark	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Denmark	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Denmark	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70815	Denmark	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70849	Denmark	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54058	Ecuador	SP-07-7348	7-Oct-05			Amitraz Compositions
58004	Ecuador	SP96/1955	29-Nov-96	PI-99-1513	17-Feb-99	A Removably Replaceable Readherable Label
63840	Ecuador	SP-07-7961	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
51143 ³	Egypt	PCT11706/2008	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
54058	Egypt	PCT1345/2007	7-Oct-05	PCT1345/2007	25-May-09	Amitraz Compositions
061067A	Egypt	393/2010	12-Sep-08			Live Attenuated Mycoplasma Strains

³ St. Jude Children's Research Hospital is a joint owner of this patent.

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Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
63840	Egypt	PCT1277/2007	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
58004	El Salvador	E-108/96	28-Nov-96	00046	28-Jun-10	A Removably Replaceable Readherable Label
52099	Estonia	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Estonia	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
57060	Estonia	05735365.8	10-Mar-05	E006331	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Estonia	03255660.7	10-Sep-03	E006770	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Estonia	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Estonia	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Estonia	06770587.1	18-May-06	E005810	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Estonia	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
67122	Estonia	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
70849	Estonia	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54058	Eurasian Patent Convention	200700817	7-Oct-05	010856	20-Aug-08	Amitraz Compositions
59330	Eurasian Patent Convention	200702600	19-May-06	014550	30-Dec-10	Device And Method For Controlling Insects
63840	Eurasian Patent Convention	200702594	18-May-06	013682	30-Jun-10	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64849	Eurasian Patent Convention	200971117	4-Jun-08			Stable Non-aqueous Pour-on Compositions
35013	European Patent Convention	03813041.5	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
35013	European Patent Convention	07019279.4	1-Oct-07			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	European Patent Convention	10752232.8	30-Aug-10			Heterologous Prime-boost Immunization Regimen

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
50232	European Patent Convention	08771428.3	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	European Patent Convention	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
050674A	European Patent Convention	09791663.9	19-Aug-09			Immunological Composition
50969	European Patent Convention	05816010.2	6-Oct-05			Multivalent Avian Influenza Vaccines
051482A	European Patent Convention	10752901.8	25-Aug-10			Assay Methods for MDV-1
52099	European Patent Convention	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	European Patent Convention	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	European Patent Convention	05804459.5	7-Oct-05			Amitraz Compositions
54104	European Patent Convention	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
54104	European Patent Convention	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
54904	European Patent Convention	08767903.1	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
54904	European Patent Convention	12185716.3	24-Sep-12			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	European Patent Convention	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55542	European Patent Convention	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	European Patent Convention	03796596.9	3-Dec-03	EP1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	European Patent Convention	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
057292A	European Patent Convention	09791266.1	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58004	European Patent Convention	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58561	European Patent Convention	08729387.4	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control

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Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
58833	European Patent Convention	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
58833	European Patent Convention	10183768.0	10-Sep-03			Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
058896A	European Patent Convention	10704724.3	19-Feb-10			Improved-scent Ectoparasiticial Formulation
59330	European Patent Convention	06760127.8	19-May-06	EP1883293	30-Jun-10	Device And Method For Controlling Insects
59415	European Patent Convention	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	European Patent Convention	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	European Patent Convention	04751980.6	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	European Patent Convention	08830393.8	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	European Patent Convention	06838906.3	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	European Patent Convention	08847411.9	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	European Patent Convention	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	European Patent Convention	10183676.5	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	European Patent Convention	02806585.2	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	European Patent Convention	08830621.2	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	European Patent Convention	08756673.3	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	European Patent Convention	09793267.7	2-Oct-09			Benzimidazole Anthelmintic Compositions
065299A	European Patent Convention	09709150.8	29-Jan-09			Swine Vaccination System
65792	European Patent Convention	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticial Gel Composition

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
66545	European Patent Convention	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
066604A	European Patent Convention	10779592.4	29-Sep-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67122	European Patent Convention	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	European Patent Convention	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	European Patent Convention	08154913.1	22-Apr-08			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	European Patent Convention	10184626.9	30-Sep-10			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	European Patent Convention	08154912.3	22-Apr-08			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	European Patent Convention	10184556.8	30-Sep-10			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67834	European Patent Convention	05732938.5	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
67834	European Patent Convention	10182441.5	29-Sep-10			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69775	European Patent Convention	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	European Patent Convention	08767900.7	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70703	European Patent Convention	06801007.3	8-Aug-06			Substituted-3-sulfonylindazole Derivatives As 5-hydroxytryptamine-6 Ligands
70815	European Patent Convention	07008378.7	25-Apr-07			Improved Modified Live BRSV Vaccine
70815	European Patent Convention	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70815	European Patent Convention	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70832	European Patent Convention	08867869.3	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
70849	European Patent Convention	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Finland	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites



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54030	Finland	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Finland	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Finland	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Finland	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Finland	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Finland	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Finland	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Finland	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Finland	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Finland	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Finland	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Finland	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Finland	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Finland	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Finland	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Finland	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50384	France	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	France	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	France	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	France	05804459.5	7-Oct-05			Amitraz Compositions
54104	France	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	France	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
55905	France	03796596.9	3-Dec-03	1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	France	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	France	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	France	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	France	10704724.3	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	France	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	France	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	France	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	France	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	France	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	France	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	France	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	France	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	France	97/15396	5-Dec-97	9715396	9-Apr-04	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	France	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	France	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	France	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	France	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50969	Gambia	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Gambia	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50384	Germany	96303835.1	29-May-96	69634024.0	15-Dec-04	Adjuvants For Viral Vaccines
52099	Germany	03713628.0	21-Feb-03	60323056.3	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites

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54030	Germany	03256595.4	20-Oct-03	60323028.8	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Germany	05804459.5	7-Oct-05			Amitraz Compositions
54104	Germany	01308417.3	2-Oct-01	60118132.8	22-Mar-06	Anthelmintic Composition
55542	Germany	01990123.0	11-Dec-01	60127994.8	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Germany	03796596.9	3-Dec-03	60332555.6	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	Germany	05735365.8	10-Mar-05	602005030 828.8	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Germany	96938796.8	7-Nov-96	69603747.5	11-Aug-99	A Removably Replaceable Readherable Label
58833	Germany	03255660.7	10-Sep-03	60340548.7	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
058896A	Germany	10704724.3	19-Feb-10			Improved-scent Ectoparasitocidal Formulation
59330	Germany	06760127.8	19-May-06	602006015 182.9	30-Jun-10	Device And Method For Controlling Insects
59415	Germany	96303930.0	31-May-96	69623072.0	21-Aug-02	Adjuvants For Viral Vaccines
60599	Germany	04751979.8	12-May-04	602004010 643.7	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Germany	06770587.1	18-May-06	602006023 084.2	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Germany	02255855.5	22-Aug-02	60200374.1	14-Apr-04	Endoparasitocidal Gel Composition
66545	Germany	02769679.8	3-May-02	60240886.5	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Germany	04254592.1	30-Jul-04	602004038 421.6	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Germany	98958957.7	4-Dec-98	69840174.3	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Germany	05796311.8	12-Sep-05	602005034 214.1	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Germany	99115633.2	8-May-95	69535520.1	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Germany	95918442.5	8-May-95	69518316.8	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Germany	08730629.6	25-Feb-08	602008016 766.6	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50969	Ghana	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Ghana	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions

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50384	Great Britain	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Great Britain	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Great Britain	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Great Britain	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Great Britain	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Great Britain	03796596.9	3-Dec-03	1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	Great Britain	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Great Britain	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Great Britain	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Great Britain	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Great Britain	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Great Britain	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Great Britain	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Great Britain	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Great Britain	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Great Britain	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Great Britain	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Great Britain	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Great Britain	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Great Britain	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Great Britain	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Greece	03713628.0	21-Feb-03	3066834	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites



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54030	Greece	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Greece	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Greece	01990123.0	11-Dec-01	3062175	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Greece	05735365.8	10-Mar-05	3076659	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Greece	EP0863955	7-Nov-96	3031452	11-Aug-99	A Removably Replaceable Readherable Label
58833	Greece	03255660.7	10-Sep-03	3077997	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Greece	06760127.8	19-May-06	3072838	30-Jun-10	Device And Method For Controlling Insects
59415	Greece	96303930.0	31-May-96	3040630	21-Aug-02	Adjuvants For Viral Vaccines
60599	Greece	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Greece	06770587.1	18-May-06	3075975	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Greece	02255855.5	22-Aug-02	3048998	14-Apr-04	Endoparasiticide Gel Composition
66545	Greece	02769679.8	3-May-02	3076082	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Greece	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Greece	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Greece	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Greece	EP0759780	8-May-95	3034402	9-Aug-00	Improved Modified Live BRSV Vaccine
70815	Greece	99115633.2	8-May-95	3062894	20-Jun-07	Improved Modified Live BRSV Vaccine
70849	Greece	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
58004	Guatemala	PI960095	27-Nov-96	5096/391/18	30-Oct-06	A Removably Replaceable Readherable Label
58004	Honduras	PIUSA/96/078	27-Nov-96	3.611	7-Mar-00	A Removably Replaceable Readherable Label
35013	Hong Kong	08106110.4	2-Jun-08			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Hong Kong	12107681.5	6-Aug-12			Heterologous Prime-boost Immunization Regimen

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50232	Hong Kong	10110434.1	9-Nov-10			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Hong Kong	11111405.3	24-Oct-11			Immunological Composition
51143 ⁴	Hong Kong	09107545.6	17-Aug-09			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
54058	Hong Kong	07107994.4	24-Jul-07			Amitraz Compositions
54904	Hong Kong	10108790.3	16-Sep-10			Raccoon Poxvirus Expressing Rabies Glycoproteins
55494	Hong Kong	03108313.0	14-Nov-03	1055914B	24-Aug-07	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
55542	Hong Kong	03108934.9	9-Dec-03	1056513B	6-Jul-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
057292A	Hong Kong	11113365.7	12-Dec-11			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58004	Hong Kong	99100483.6	4-Feb-99	1015398	23-Jun-00	A Removably Replaceable Readherable Label
058896A	Hong Kong	12103318.5	3-Apr-12			Improved-scent Ectoparasiticide Formulation
60599	Hong Kong	06105751.2	18-May-06	1083597B	25-Apr-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Hong Kong	06105758.5	18-May-06			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Hong Kong	10109167.6	24-Sep-10			Live Attenuated Mycoplasma Strains
062557A	Hong Kong	10111812.1	16-Dec-10			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Hong Kong	08109995.8	9-Sep-08	1114563B	28-Oct-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Hong Kong	04109356.5	26-Nov-04			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Hong Kong	10111979.0	22-Dec-10			Attenuated Mycoplasma Gallisepticum Strains
64849	Hong Kong	10104946.5	20-May-10			Stable Non-aqueous Pour-on Compositions
064943A	Hong Kong	11113162.2	6-Dec-11			Benzimidazole Anthelmintic Compositions
65792	Hong Kong	03105039.9	11-Jul-03	1052656B	10-Sep-04	Endoparasiticide Gel Composition
67175	Hong Kong	11113272.9	19-May-09			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)

⁴ St. Jude Children's Research Hospital is a joint owner of this patent.



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67175	Hong Kong	09104574.7	19-May-09			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	Hong Kong	11111955.7	4-Nov-11			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	Hong Kong	09105144.5	9-Jun-09			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67834	Hong Kong	07103727.7	11-Apr-07			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69775	Hong Kong	07113221.7	3-Dec-07			Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	Hong Kong	10110909.7	24-Nov-10			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	Hong Kong	08101764.4	19-Feb-08			Improved Modified Live BRSV Vaccine
70815	Hong Kong	00103769.3	21-Jun-00	1024412B	24-Aug-07	Improved Modified Live BRSV Vaccine
070832A	Hong Kong	11101073.5	1-Feb-11			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
52099	Hungary	03713628.0	21-Feb-03	E004491	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Hungary	03256595.4	20-Oct-03	E004451	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Hungary	P0400687	11-Dec-01	227431	9-May-11	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Hungary	05735365.8	10-Mar-05	E013956	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Hungary	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Hungary	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Hungary	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Hungary	06770587.1	18-May-06	E012245	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Hungary	P0401606	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
65792	Hungary	P0202864	26-Aug-02			Endoparasitocidal Gel Composition
67122	Hungary	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization

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69775	Hungary	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Hungary	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
050041A	India	1004/DELNP/2012	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	India	8370/DELNP/2009	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	India	1772/DELNP/2011	19-Aug-09			Immunological Composition
50969	India	1999/DELNP/2007	6-Oct-05			Multivalent Avian Influenza Vaccines
54058	India	2548/DELNP/2007	7-Oct-05			Amitraz Compositions
54904	India	6203/DELNP/2009	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
057292A	India	1026/DELNP/2011	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58004	India	2046/CAL/96	27-Nov-96	193278	28-Jan-05	A Removably Replaceable Readherable Label
59330	India	8088/DELNP/2007	19-May-06			Device And Method For Controlling Insects
061067A	India	2090/DELNP/2010	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	India	2810/DELNP/2008	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	India	3194/DELNP/2010	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	India	8987/DELNP/2007	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	India	1073/KOLNP/2007	27-Mar-07			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	India	327/KOL/2004	29-Jan-04	219347	30-Apr-08	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	India	2181/DELNP/2010	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	India	7041/DELNP/2009	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	India	3060/DELNP/2011	2-Oct-09			Benzimidazole Anthelmintic Compositions
67834	India	5530/DELNP/2006	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	India	7795/DELNP/2009	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	India	511/CAL/95	8-May-95			Improved Modified Live BRSV Vaccine



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070832A	India	5259/DELNP/2010	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
35013	Indonesia	W00200402562	14-May-03	Awaiting	24-Feb-12	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
50232	Indonesia	W00200903615	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50969	Indonesia	W00200701080	6-Oct-05			Multivalent Avian Influenza Vaccines
51143 ⁵	Indonesia	W00200803069	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
54030	Indonesia	P00200300534	16-Oct-03	IDP002963 4	14-Nov-11	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Indonesia	W00200701079	7-Oct-05			Amitraz Compositions
54904	Indonesia	W00200903185	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Indonesia	W00200301177	11-Dec-01	IDP002821 8	12-May-11	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57947	Indonesia	W00200500926	14-Oct-03			Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Indonesia	P963500	28-Nov-96	ID0010553	23-Apr-03	A Removably Replaceable Readherable Label
60599	Indonesia	W00200503009	12-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Indonesia	W00200503010	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Indonesia	W-00201000852	12-Sep-08			Live Attenuated Mycoplasma Strains
63840	Indonesia	W00200703790	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Indonesia	W00200400110	23-Jul-02	IDP002560 9	5-May-10	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64849	Indonesia	W00200903118	4-Jun-08			Stable Non-aqueous Pour-on Compositions
67122	Indonesia	P00200400382	5-Aug-04	IDP002424 3	9-Sep-09	A Method Of Purifying Moxidectin Through Crystallization
67834	Indonesia	W00200602525	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines

⁵ St. Jude Children's Research Hospital is a joint owner of this patent.

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69897	Indonesia	W00200903347	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
50384	Ireland	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Ireland	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Ireland	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Ireland	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Ireland	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Ireland	03796596.9	3-Dec-03	1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	Ireland	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Ireland	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Ireland	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Ireland	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Ireland	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Ireland	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Ireland	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Ireland	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Ireland	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Ireland	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Ireland	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
70815	Ireland	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Ireland	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Ireland	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54058	Israel	182312	7-Oct-05	182312	1-Mar-12	Amitraz Compositions
56996	Israel	135155	14-Dec-98	135155	19-Mar-06	Polymeric Microporous Film Coated Subcutaneous Implant
061067A	Israel	204408	12-Sep-08			Live Attenuated Mycoplasma Strains

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63840	Israel	187460	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
67834	Israel	177903	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
50384	Italy	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Italy	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Italy	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Italy	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Italy	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Italy	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Italy	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Italy	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Italy	06760127.8	19-May-06	26582BE/2 010	30-Jun-10	Device And Method For Controlling Insects
59415	Italy	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Italy	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Italy	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Italy	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Italy	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Italy	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Italy	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Italy	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Italy	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Italy	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Italy	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections

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35013	Japan	2004-563182	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Japan	2012-527945	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Japan	2010-513396	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	Japan	121438/96	16-May-96	4344017	17-Jul-09	Adjuvants For Viral Vaccines
050674A	Japan	2011-523956	19-Aug-09			Immunological Composition
50969	Japan	2007-535798	6-Oct-05			Multivalent Avian Influenza Vaccines
051482A	Japan	2012-526114	25-Aug-10			Assay Methods for MDV-1
54030	Japan	2003-361009	21-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Japan	2007-535835	7-Oct-05	4698675	11-Mar-11	Amitraz Compositions
54904	Japan	2010-510318	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Japan	2002-551004	11-Dec-01	5074656	31-Aug-12	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Japan	2005-508455	3-Dec-03	4785531	22-Jul-11	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
057292A	Japan	2011-522261	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Japan	2005-501289	14-Oct-03	4491411	9-Apr-10	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58561	Japan	2009-549256	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control
58833	Japan	2003-318535	10-Sep-03	4472298	12-Mar-10	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	Japan	2010-35878	22-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Japan	2008-513555	19-May-06			Device And Method For Controlling Insects
59415	Japan	121435/96	16-May-96	4249807	23-Jan-09	Adjuvants For Viral Vaccines
60599	Japan	2006-532982	12-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
060599A	Japan	2011-128608	8-Jun-11			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Japan	2012-015659	27-Jan-12			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C

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61023	Japan	2006-532983	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Japan	2010-525016	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	Japan	2008-544409	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Japan	2010-533203	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Japan	2008-513550	18-May-06	5042997	20-Jul-12	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Japan	2010-255105	15-Nov-10			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	Japan	2003-561501	23-Jul-02	4718778	8-Apr-11	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Japan	2010-524865	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Japan	2010-511292	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Japan	2011-531083	2-Oct-09			Benzimidazole Anthelmintic Compositions
065299A	Japan	2010-545140	29-Jan-09			Swine Vaccination System
65792	Japan	2002-242233	22-Aug-02	4498667	23-Apr-10	Endoparasiticide Gel Composition
66545	Japan	2002-588913	3-May-02	4283544	27-Mar-09	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Japan	2004-229533	5-Aug-04	4653979	24-Dec-10	A Method Of Purifying Moxidectin Through Crystallization
67834	Japan	2007-502981	10-Mar-05	4845874	21-Oct-11	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69775	Japan	2011-268298	7-Dec-11			Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69775	Japan	2007-531450	12-Sep-05	4993300	18-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	Japan	2010-510314	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70703	Japan	2008-526995	8-Aug-06			Substituted-3-sulfonylindazole Derivatives As 5-hydroxytryptamine-6 Ligands
70815	Japan	2011-184908	26-Aug-11			Improved Modified Live BRSV Vaccine
70815	Japan	529208/95	8-May-95	3993230	3-Aug-07	Improved Modified Live BRSV Vaccine

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070832A	Japan	2010-539780	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
70849	Japan	2009-551796	25-Feb-08			Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50969	Kenya	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Kenya	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
35013	Korea South	10-2004-7018602	14-May-03	10-1056622	8-Aug-11	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Korea South	2012-7008284	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Korea South	10-2010-7001106	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Korea South	2011-7006189	19-Aug-09			Immunological Composition
50969	Korea South	10-2007-7009400	6-Oct-05			Multivalent Avian Influenza Vaccines
54030	Korea South	10-2003-0072980	20-Oct-03	10-1110579	20-Jan-12	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Korea South	10-2007-7007861	7-Oct-05			Amitraz Compositions
54904	Korea South	10-2009-7027378	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Korea South	10-2003-7008293	11-Dec-01	10-874119	9-Dec-08	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
56996	Korea South	10-2000-7006495	14-Dec-98	616759	22-Aug-06	Polymeric Microporous Film Coated Subcutaneous Implant
057292A	Korea South	10-2011-7005375	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Korea South	10-2005-7006626	14-Oct-03	10-1123023	27-Feb-12	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Korea South	98/704016	7-Nov-96	429090	14-Apr-04	A Removably Replaceable Readherable Label
58833	Korea South	10-2003-0062762	8-Sep-03	10-1114268	2-Feb-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	Korea South	10-2011-7019472	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	Korea South	10-2007-7027739	19-May-06			Device And Method For Controlling Insects
60599	Korea South	10-2005-7021670	12-May-04	10-1106024	9-Jan-12	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Korea South	10-2005-7021669	12-May-04	10-1150318	21-May-12	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C

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061067A	Korea South	2010-7007751	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	Korea South	10-2008-7009605	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Korea South	2010-7012323	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Korea South	10-2007-7028600	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Korea South	10-2011-7030531	20-Dec-11			Attenuated Mycoplasma Gallisepticum Strains
064187A	Korea South	10-2010-7007701	10-Sep-08	10-1176717	17-Aug-12	Attenuated Mycoplasma Gallisepticum Strains
64849	Korea South	10-2009-7026063	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Korea South	10-2011-7008026	2-Oct-09			Benzimidazole Anthelmintic Compositions
67122	Korea South	10-2004-0062045	6-Aug-04	10-1123018	27-Feb-12	A Method Of Purifying Moxidectin Through Crystallization
67834	Korea South	10-2006-7021027	10-Mar-05	1172921	3-Aug-12	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Korea South	10-2009-7027364	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	Korea South	96/706404	8-May-95	10-374434	19-Feb-03	Improved Modified Live BRSV Vaccine
070832A	Korea South	2010-7016228	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
050041A	Kosovo	137/10	1-Sep-10			Heterologous Prime-boost Immunization Regimen
57060	Kosovo	P/2011/122	23-Dec-11			A Canine Vaccine For Protection Against Ehrlichiosis
066604A	Kosovo	147/10	7-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
54030	Latvia	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
58004	Latvia	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
60599	Latvia	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
65792	Latvia	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasitocidal Gel Composition
70815	Latvia	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70815	Latvia	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
50969	Lesotho	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Lesotho	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions

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52099	Lithuania	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Lithuania	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
57060	Lithuania	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Lithuania	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
60599	Lithuania	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
65792	Lithuania	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
70815	Lithuania	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Lithuania	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Lithuania	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Luxembourg	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Luxembourg	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Luxembourg	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Luxembourg	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Luxembourg	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Luxembourg	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Luxembourg	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Luxembourg	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Luxembourg	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Luxembourg	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Luxembourg	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Luxembourg	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Luxembourg	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus



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67122	Luxembourg	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Luxembourg	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
70815	Luxembourg	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70815	Luxembourg	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70849	Luxembourg	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54030	Macedonia	EP1413201	20-Oct-03	902960	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
60599	Macedonia	P-2008/5	12-May-04	902793	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
50969	Malawi	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Malawi	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50969	Malaysia	PI20054709	6-Oct-05			Multivalent Avian Influenza Vaccines
54058	Malaysia	PI20054708	6-Oct-05			Amitraz Compositions
55542	Malaysia	PI20015418	27-Nov-01	MY-129765-A	30-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
58004	Malaysia	PI96004927	25-Nov-96	MY-115646-A	30-Aug-03	A Removably Replaceable Readherable Label
061067A	Malaysia	PI2010001069	12-Sep-08			Live Attenuated Mycoplasma Strains
70815	Malaysia	PI9501214	8-May-95	MY111829 A	31-Jan-01	Improved Modified Live BRSV Vaccine
35013	Mexico	PA/A/2004/011218	14-May-03	265188	18-Mar-09	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
35013	Mexico	MX/A/2007/011582	20-Sep-07	270326	23-Sep-09	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Mexico	MX/A/2012/002630	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Mexico	MX/A/2009/014070	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	Mexico	962100	31-May-96	193712	14-Oct-99	Adjuvants For Viral Vaccines
050674A	Mexico	MX/A/2011/001910	19-Aug-09			Immunological Composition
50969	Mexico	MX/A/2007/004004	6-Oct-05	296228	15-Feb-12	Multivalent Avian Influenza Vaccines
051482A	Mexico	MX/a/2012/002411	25-Aug-10			Assay Methods for MDV-1

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54030	Mexico	PA/A/2003/00959 5	21-Oct-02	262505	26-Nov-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Mexico	MX/a/2007/00400 3	7-Oct-05	301430	16-Jul-12	Amitraz Compositions
54904	Mexico	MX/a/2011/01245 0	22-Nov-11			Raccoon Poxvirus Expressing Rabies Glycoproteins
54904	Mexico	MX/a/2009/01259 7	28-May-08	295401	31-Jan-12	Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Mexico	PA/a/2003/005357	11-Dec-01	243742	13-Feb-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
56996	Mexico	5859	14-Dec-98	212555	14-Jan-03	Polymeric Microporous Film Coated Subcutaneous Implant
57060	Mexico	PA/A/2006/01037 6	10-Mar-05	288571	21-Jul-11	A Canine Vaccine For Protection Against Ehrlichiosis
057292A	Mexico	MX/A/2011/00151 4	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Mexico	PA/a/2005/003850	14-Oct-03	270327	23-Sep-09	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Mexico	984041	7-Nov-96	201874	14-May-01	A Removably Replaceable Readherable Label
58561	Mexico	MX/A/2009/00841 1	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control
58833	Mexico	PA/A/2003/00808 3	8-Sep-03	257146	15-May-08	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	Mexico	MX/a/2011/00881 6	19-Feb-10	301773	26-Jul-12	Improved-scent Ectoparasiticide Formulation
59330	Mexico	MX/A/2007/01477 1	19-May-06	280662	4-Nov-10	Device And Method For Controlling Insects
59415	Mexico	962099	31-May-96	196033	14-Apr-00	Adjuvants For Viral Vaccines
60599	Mexico	PA/A/2005/01221 8	12-May-04	253870	28-Jan-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Mexico	PA/A/2005/01221 9	12-May-04	261583	22-Oct-08	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Mexico	MX/A/2010/00268 7	12-Sep-08	298416	20-Apr-12	Live Attenuated Mycoplasma Strains
61885	Mexico	MX/A/2008/00724 6	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Mexico	MX/A/2010/00501 4	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Mexico	MX/A/2007/01477 0	18-May-06	285790	7-Apr-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Mexico	PA/A/2004/00068 0	23-Jul-02	260579	17-Sep-08	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine

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64013	Mexico	MX/A/2008/01156 2	9-Sep-08			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Mexico	MX/a/2010/00286 6	10-Sep-08	296937	9-Mar-12	Attenuated Mycoplasma Gallisepticum Strains
64849	Mexico	MX/a/2009/01268 4	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	Mexico	MX/A/2011/00372 0	2-Oct-09			Benzimidazole Anthelmintic Compositions
065299A	Mexico	MX/A/2010/00846 1	29-Jan-09			Swine Vaccination System
65792	Mexico	PA/A/2002/00824 6	23-Aug-02	226741	16-Mar-05	Endoparasiticide Gel Composition
066604A	Mexico	MX/A/2012/00413 3	29-Sep-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67834	Mexico	PA/A/2006/01037 7	10-Mar-05	289883	31-Aug-11	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69775	Mexico	MX/A/2007/00293 3	12-Sep-05	282499	21-Dec-10	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	Mexico	MX/a/2009/01303 0	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	Mexico	965503	8-May-95	198331	28-Aug-00	Improved Modified Live BRSV Vaccine
070832A	Mexico	MX/A/2010/00693 7	18-Dec-08	302948		Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
54030	Monaco	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Monaco	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
58004	Monaco	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
35013	Montenegro	P-858/08	3-Dec-08	00569	20-Dec-11	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050674A	Montenegro	P-2011/33	19-Aug-09			Immunological Composition
54030	Montenegro	P-860/08	3-Dec-08	00571	20-Dec-11	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Montenegro	P-859/08	3-Dec-08	00570	20-Dec-11	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Montenegro	P-2012/1	5-Jan-12			A Canine Vaccine For Protection Against Ehrlichiosis
057292A	Montenegro	P-2011/23	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
061067A	Montenegro	P-2010/49	12-Sep-08			Live Attenuated Mycoplasma Strains

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062557A	Montenegro	P-2010/78	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
64013	Montenegro	P-784/08	23-Dec-08	00491	10-Oct-11	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Montenegro	P-2010/48	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
070832A	Montenegro	P-2010/93	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
50969	Mozambique	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Mozambique	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50969	Namibia	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Namibia	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50384	Netherlands	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Netherlands	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Netherlands	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Netherlands	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Netherlands	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Netherlands	03796596.9	3-Dec-03	1578374	12-May-10	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57060	Netherlands	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Netherlands	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Netherlands	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Netherlands	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Netherlands	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Netherlands	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Netherlands	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Netherlands	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasitocidal Gel Composition
66545	Netherlands	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus

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67122	Netherlands	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Netherlands	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Netherlands	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Netherlands	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Netherlands	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Netherlands	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
35013	New Zealand	537014	14-May-03	537014	7-Jan-10	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	New Zealand	597918	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	New Zealand	582132	19-Jun-08	582132	6-Aug-12	Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	New Zealand	286699	30-May-96	286699	10-Feb-98	Adjuvants For Viral Vaccines
050674A	New Zealand	591090	19-Aug-09			Immunological Composition
50969	New Zealand	553975	6-Oct-05	553975	12-Aug-10	Multivalent Avian Influenza Vaccines
54030	New Zealand	567277	9-Apr-08	567277	8-Apr-10	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54030	New Zealand	550771	25-Oct-06	550771	9-Oct-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	New Zealand	554079	7-Oct-05	554079	7-Oct-10	Amitraz Compositions
54104	New Zealand	507445/507479	5-Oct-01	507445/507479	7-Jul-03	Anthelmintic Composition
54904	New Zealand	597773	24-Jan-12			Raccoon Poxvirus Expressing Rabies Glycoproteins
55494	New Zealand	526556	13-Nov-01	526556	12-Oct-06	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
55542	New Zealand	526904	11-Dec-01	526904	10-Nov-05	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
56996	New Zealand	505035	14-Dec-98	505035	31-Mar-03	Polymeric Microporous Film Coated Subcutaneous Implant
057292A	New Zealand	590949	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	New Zealand	539299	14-Oct-03	539299	5-Apr-07	Assay Methods For Detection Of A Virus In An Avian Tissue Sample

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58004	New Zealand	322357	7-Nov-96	322357	12-Nov-99	A Removably Replaceable Readherable Label
58833	New Zealand	528160	11-Sep-03	528160	10-Nov-05	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	New Zealand	594259	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	New Zealand	562640	19-May-06	562640	19-May-06	Device And Method For Controlling Insects
59415	New Zealand	286700	30-May-96	286700	10-Feb-98	Adjuvants For Viral Vaccines
60599	New Zealand	543559	12-May-04	543559	12-Jun-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	New Zealand	543558	12-May-04	543558	12-Jun-08	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	New Zealand	583822	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	New Zealand	567991	4-Dec-06	567991	6-Nov-10	Benzimidazole Non-aqueous Compositions
062557A	New Zealand	600744	20-Jun-12			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
062557A	New Zealand	585011	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	New Zealand	563525	18-May-06	563525	9-Feb-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	New Zealand	553165	13-Feb-07	553165	8-Jan-09	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	New Zealand	531265	23-Jul-02	531265	11-Dec-08	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	New Zealand	570270	5-Aug-08			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	New Zealand	583829	10-Sep-08	583829	2-Apr-12	Attenuated Mycoplasma Gallisepticum Strains
64849	New Zealand	580587	4-Jun-08	580587	9-Jul-12	Stable Non-aqueous Pour-on Compositions
064943A	New Zealand	591741	2-Oct-09			Benzimidazole Anthelmintic Compositions
65792	New Zealand	520958	22-Aug-02	520958	5-Jul-04	Endoparasiticide Gel Composition
66545	New Zealand	529326	3-May-02	529326	11-Jan-07	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67235	New Zealand	503636	16-Oct-98	503636	9-Sep-02	Veterinary Vaccines
67834	New Zealand	549687	10-Mar-05	549687	11-Dec-08	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines



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69775	New Zealand	594429	5-Aug-11			Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	New Zealand	597772	24-Jan-12			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70815	New Zealand	285324	8-May-95	285324	10-Dec-98	Improved Modified Live BRSV Vaccine
070832A	New Zealand	586238	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
58004	Nicaragua	96/0095	28-Nov-96	1488RPI	4-Feb-02	A Removably Replaceable Readherable Label
54058	Norway	20071614	7-Oct-05			Amitraz Compositions
63840	Norway	20076004	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
51143 ⁶	O.A.P.L.	1-2008-00354	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
50969	Pakistan	0951/2005	5-Oct-05			Multivalent Avian Influenza Vaccines
57947	Pakistan	899/2003	14-Oct-03	138602	13-Oct-05	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Pakistan	553/98	4-Jun-98	135548	26-Mar-99	A Removably Replaceable Readherable Label
58004	Pakistan	713/96	26-Nov-96	135546	26-Mar-99	A Removably Replaceable Readherable Label
54058	Paraguay	30549/2005	7-Oct-05			Amitraz Compositions
54058	Peru	001188-2005/OIN	6-Oct-05	5554	25-Jan-10	Amitraz Compositions
58004	Peru	854/96	28-Nov-96	001967	31-Jul-01	A Removably Replaceable Readherable Label
35013	Philippines	1-2004-501854	14-May-03	1-2004-501854	15-Jun-10	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Philippines	1-2012-500383	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Philippines	1-2009-502451	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	Philippines	1-2011-500324	19-Aug-09			Immunological Composition
50969	Philippines	1-2007-500744	6-Oct-05	1-2007-500744	29-Jun-12	Multivalent Avian Influenza Vaccines
54030	Philippines	1-2003-000489	21-Oct-03	1-2003-000489	5-Nov-09	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54030	Philippines	1-2009-000028	30-Jan-09			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals

⁶ St. Jude Children's Research Hospital is a joint owner of this patent.

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54058	Philippines	1-2007-500743	7-Oct-05	1-2007-500743	13-Dec-11	Amitraz Compositions
54904	Philippines	1-2009-502239	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Philippines	1-2003-500524	11-Dec-01	1-2003-500524	15-Jul-08	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
057292A	Philippines	1-2011-500284	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Philippines	1-2005-500690	14-Oct-03	1-2005-500690	26-Jan-11	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	Philippines	54873	28-Nov-96	1-1996-54873	24-Jan-00	A Removably Replaceable Readherable Label
58833	Philippines	1-2003-000421	11-Sep-03			Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
60599	Philippines	1-2005-502039	12-May-04	1-2005-502039	25-Jan-10	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Philippines	1-2005-502038	12-May-04	1-2005-502038	5-Nov-09	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Philippines	1-2010-500545	12-Sep-08			Live Attenuated Mycoplasma Strains
61885	Philippines	1-2008-501319	4-Dec-06			Benzimidazole Non-aqueous Compositions
062557A	Philippines	1-2010-500996	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Philippines	1-2007-502632	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Philippines	1-2009-500166	21-Jan-09	1-2009-500166	19-Jul-12	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	Philippines	1-2004-500135	23-Jul-02	1-2004-500135	5-Nov-09	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	Philippines	1-2010-500523	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Philippines	1-2009-502325	4-Jun-08			Stable Non-aqueous Pour-on Compositions
67834	Philippines	1-2006-501743	10-Mar-05	1-2006-501743	15-Jun-10	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Philippines	1-2009-502258	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
070832A	Philippines	1-2010-501423	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
54030	Poland	P362962	23-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals



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55542	Poland	P363220	11-Dec-01	PL211174	20-Oct-11	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Poland	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Poland	P326748	7-Nov-96	184594	4-Jun-02	A Removably Replaceable Readherable Label
59330	Poland	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Poland	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Poland	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	Poland	P398575	16-Mar-12			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	Poland	P368535	23-Jul-02	awaiting	23-Mar-12	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
67122	Poland	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
70849	Poland	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Portugal	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Portugal	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Portugal	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Portugal	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Portugal	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Portugal	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Portugal	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Portugal	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Portugal	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Portugal	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Portugal	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Portugal	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasitocidal Gel Composition

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66545	Portugal	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Portugal	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Portugal	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Portugal	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Portugal	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54030	Romania	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Romania	2003166450	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Romania	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Romania	EP0863955	7-Nov-96	RO/EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Romania	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Romania	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Romania	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Romania	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Romania	EP1308163	22-Aug-02	2003135409	14-Apr-04	Endoparasiticide Gel Composition
66545	Romania	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Romania	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Romania	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Romania	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
050041A	Russian Federation	2012107823	30-Aug-10			Heterologous Prime-boost Immunization Regimen
050674A	Russian Federation	2011105863	19-Aug-09			Immunological Composition



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54058	Russian Federation	200700817	7-Oct-05	010856	20-Aug-08	Amitraz Compositions
057292A	Russian Federation	2011104201	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
59330	Russian Federation	200702600	19-May-06	014550	30-Dec-10	Device And Method For Controlling Insects
061067A	Russian Federation	2010110447	12-Sep-08			Live Attenuated Mycoplasma Strains
062557A	Russian Federation	2010117614	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Russian Federation	200702594	18-May-06	013682	30-Jun-10	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Russian Federation	2010108641	10-Sep-08	2441909	10-Feb-12	Attenuated Mycoplasma Gallisepticum Strains
064943A	Russian Federation	2011112990	2-Oct-09			Benzimidazole Anthelmintic Compositions
070832A	Russian Federation	2010124791	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
58004	Saudi Arabia	97170545	6-Jan-97	788	13-May-06	A Removably Replaceable Readherable Label
35013	Serbia	P-0997/04	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
54030	Serbia	P-825/03	17-Oct-03	51054	15-Jun-10	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
55542	Serbia	P-493/03	11-Dec-01	51536	10-Feb-11	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Serbia	05735365.8	10-Mar-05	P-568/11	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
64013	Serbia	P80/04	23-Jul-02			Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
50969	Sierra Leone	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Sierra Leone	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
54058	Singapore	200906615-0	7-Oct-05			Amitraz Compositions
63840	Singapore	200717820-5	18-May-06	137433	30-Jun-10	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
52099	Slovak Republic	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Slovak Republic	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
57060	Slovak Republic	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis

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58833	Slovak Republic	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Slovak Republic	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Slovak Republic	EP1622642	12-May-04	E3066	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Slovak Republic	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
67122	Slovak Republic	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Slovak Republic	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Slovak Republic	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
52099	Slovenia	03713628.0	21-Feb-03	1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Slovenia	03256595.4	20-Oct-03	1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
57060	Slovenia	05735365.8	10-Mar-05	P200531430	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Slovenia	EP0863955	7-Nov-96	9630062	11-Aug-99	A Removably Replaceable Readherable Label
58833	Slovenia	03255660.7	10-Sep-03	P-200332137	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glyprotei
59330	Slovenia	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
60599	Slovenia	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Slovenia	06770587.1	18-May-06	P-200631108	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Slovenia	EP1308163	22-Aug-02	P-200230010	14-Apr-04	Endoparasiticide Gel Composition
66545	Slovenia	02769679.8	3-May-02	P-200230960	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Slovenia	04254592.1	30-Jul-04	P-200431894	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
70815	Slovenia	EP0968722	8-May-95	P-9530731	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Slovenia	P-9530374	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine



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70849	Slovenia	08730629.6	25-Feb-08	P-200830704	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
35013	South Africa	2004/10153	14-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	South Africa	2012/00892	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	South Africa	2009/09173	19-Jun-08	2009/09173	25-Aug-10	Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
050674A	South Africa	2011/02082	19-Aug-09			Immunological Composition
50969	South Africa	2007/02876	6-Oct-05	2007/02876	25-Sep-08	Multivalent Avian Influenza Vaccines
54030	South Africa	2003/8147	20-Oct-03	2003/8147	29-Jun-05	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	South Africa	2007/02874	7-Oct-05	2007/02874	29-Sep-10	Amitraz Compositions
54104	South Africa	2001/8301	9-Oct-01	2001/8301	25-Jun-03	Anthelmintic Composition
54904	South Africa	2009/08390	28-May-08	2009/08390	25-Aug-10	Raccoon Poxvirus Expressing Rabies Glycoproteins
55494	South Africa	2003/4762	13-Nov-01	2003/4762	30-Mar-05	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
55542	South Africa	2003/5545	11-Dec-01	2003/5545	29-Dec-04	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
057292A	South Africa	2011/00849	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	South Africa	2005/03038	14-Oct-03	2005/03038	28-May-08	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	South Africa	96/9928	26-Nov-96	96/9928	26-Aug-98	A Removably Replaceable Readherable Label
58833	South Africa	2003/7119	11-Sep-03	2003/7119	25-May-05	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
058896A	South Africa	2011/05383	19-Feb-10			Improved-scent Ectoparasiticide Formulation
59330	South Africa	2007/10155	19-May-06	2007/10155	25-May-11	Device And Method For Controlling Insects
60599	South Africa	2005/09979	12-May-04	2005/09979	26-Nov-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	South Africa	2005/09982	12-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	South Africa	2010/02515	12-Sep-08	2010/02515	29-Dec-10	Live Attenuated Mycoplasma Strains
61885	South Africa	2008/04915	4-Dec-06	2008/04915	25-Aug-10	Benzimidazole Non-aqueous Compositions

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062557A	South Africa	2010/04026	5-Nov-08	2010/04026	28-Apr-11	Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	South Africa	2007/10181	18-May-06	2007/10181	29-Jun-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	South Africa	2004/1596	23-Jul-02	2004/1596	27-Jul-05	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187A	South Africa	2010/01740	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	South Africa	2009/08599	4-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	South Africa	2011/03282	2-Oct-09			Benzimidazole Anthelmintic Compositions
65297	South Africa	94/9607	2-Dec-94	94/9607	25-Oct-95	Solid Insecticidal Formulation
65792	South Africa	2002/6808	26-Aug-02	2002/6808	26-May-04	Endoparasiticide Gel Composition
67834	South Africa	2006/07609	10-Mar-05	2006/07609	30-Jul-08	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69775	South Africa	2007/02099	12-Sep-05			Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
69897	South Africa	2009/08963	28-May-08	2009/08963	25-Aug-10	Raccoon Poxvirus Expressing Genes Of Feline Antigens
070832A	South Africa	2010/05181	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
71298	South Africa	97/11530	22-Dec-97	97/11530	31-Aug-99	Oil Emulsion Bivalent Botulinum Vaccine
50384	Spain	96303835.1	29-May-96	2233955	15-Dec-04	Adjuvants For Viral Vaccines
52099	Spain	03713628.0	21-Feb-03	2312758	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Spain	03256595.4	20-Oct-03	2311677	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Spain	01308417.3	2-Oct-01	2258062	22-Mar-06	Anthelmintic Composition
55542	Spain	01990123.0	11-Dec-01	2283452	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Spain	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Spain	EP0863955	7-Nov-96	2135261	11-Aug-99	A Removably Replaceable Readherable Label
58833	Spain	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Spain	06760127.8	19-May-06	2346689	30-Jun-10	Device And Method For Controlling Insects
59415	Spain	96303930.0	31-May-96	2180703	21-Aug-02	Adjuvants For Viral Vaccines



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60599	Spain	04751979.8	12-May-04	2297448	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Spain	06770587.1	18-May-06	2367584	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Spain	02255855.5	22-Aug-02	2218510	14-Apr-04	Endoparasiticide Gel Composition
66545	Spain	02769679.8	3-May-02	2369846	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Spain	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Spain	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Spain	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Spain	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
54058	Sri Lanka	14429	7-Oct-05			Amitraz Compositions
63840	Sri Lanka	14734	18-May-06	14734	21-Jul-09	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
50969	Sudan	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Sudan	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50969	Swaziland	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Swaziland	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50384	Sweden	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Sweden	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Sweden	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Sweden	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Sweden	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Sweden	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Sweden	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Sweden	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Sweden	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects

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59415	Sweden	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Sweden	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Sweden	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Sweden	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Sweden	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Sweden	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Sweden	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
69775	Sweden	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70815	Sweden	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Sweden	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Sweden	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50384	Switzerland	96303835.1	29-May-96	EP0745387	15-Dec-04	Adjuvants For Viral Vaccines
52099	Switzerland	03713628.0	21-Feb-03	EP1476558	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Switzerland	03256595.4	20-Oct-03	EP1413201	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Switzerland	01308417.3	2-Oct-01	EP1197215	22-Mar-06	Anthelmintic Composition
55542	Switzerland	01990123.0	11-Dec-01	EP1343525	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Switzerland	05735365.8	10-Mar-05	1723170	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58004	Switzerland	96938796.8	7-Nov-96	EP0863955	11-Aug-99	A Removably Replaceable Readherable Label
58833	Switzerland	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Switzerland	06760127.8	19-May-06	1883293	30-Jun-10	Device And Method For Controlling Insects
59415	Switzerland	96303930.0	31-May-96	EP0745388	21-Aug-02	Adjuvants For Viral Vaccines
60599	Switzerland	04751979.8	12-May-04	EP1622642	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis



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63840	Switzerland	06770587.1	18-May-06	1896000	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Switzerland	02255855.5	22-Aug-02	EP1308163	14-Apr-04	Endoparasiticide Gel Composition
66545	Switzerland	02769679.8	3-May-02	1385540	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus
67122	Switzerland	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
67175	Switzerland	98958957.7	4-Dec-98	EP1036180	29-Oct-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
70815	Switzerland	99115633.2	8-May-95	EP0968722	20-Jun-07	Improved Modified Live BRSV Vaccine
70815	Switzerland	95918442.5	8-May-95	EP0759780	9-Aug-00	Improved Modified Live BRSV Vaccine
70849	Switzerland	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
35013	Taiwan	92112918	13-May-03	I320715	21-Feb-10	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Taiwan	099129676	2-Sep-10			Heterologous Prime-boost Immunization Regimen
50232	Taiwan	097123236	20-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50674	Taiwan	098127794	18-Aug-09			Immunological Composition
50969	Taiwan	94133947	29-Sep-05	I365074	1-Jun-12	Multivalent Avian Influenza Vaccines
52099	Taiwan	92102544	2-Feb-03	I348376	11-Sep-11	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Taiwan	92129004	20-Oct-03	I311465	1-Jul-09	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Taiwan	94134960	6-Oct-05	I350728	21-Oct-11	Amitraz Compositions
54904	Taiwan	097119415	26-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Taiwan	90131039	14-Dec-01	I308872	21-Apr-09	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57947	Taiwan	92128429	14-Oct-03	I331217	1-Oct-10	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
59330	Taiwan	95118165	22-May-06	I361042	1-Apr-12	Device And Method For Controlling Insects
061067A	Taiwan	097134905	11-Sep-08			Live Attenuated Mycoplasma Strains
61885	Taiwan	095145431	6-Dec-06			Benzimidazole Non-aqueous Compositions

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062557A	Taiwan	09714288	6-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Taiwan	095115920	4-May-06	1368505	21-Jul-12	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Taiwan	097134587	9-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Taiwan	097120961	5-Jun-08			Stable Non-aqueous Pour-on Compositions
65792	Taiwan	91117983	9-Aug-02	IN240614	1-Oct-05	Endoparasiticide Gel Composition
066604A	Taiwan	099134033	6-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67122	Taiwan	93123351	14-Aug-04	1343254	11-Jun-11	A Method Of Purifying Moxidectin Through Crystallization
50969	Tanzania	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Tanzania	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
35013	Thailand	0301001693	6-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Thailand	1201000860	30-Aug-10			Heterologous Prime-boost Immunization Regimen
50232	Thailand	0801003095	18-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50674	Thailand	0901003733	18-Aug-09			Immunological Composition
50969	Thailand	0501004684	6-Oct-05			Multivalent Avian Influenza Vaccines
54030	Thailand	0301003833	10-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Thailand	0501004657	4-Oct-05			Amitraz Compositions
54904	Thailand	0801002673	28-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Thailand	0101004864	4-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Thailand	0301004407	6-Dec-03			Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57292	Thailand	0901003605	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
58004	Thailand	34471	27-Nov-96	32404	4-Apr-12	A Removably Replaceable Readherable Label
60599	Thailand	0401001569	30-Apr-04			Avian E. Coli Vaccine For Protection Against Colibacillosis



Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
61023	Thailand	0401001568	30-Apr-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Thailand	0801004651	10-Sep-08			Live Attenuated Mycoplasma Strains
61885	Thailand	0601005993	30-Nov-06			Benzimidazole Non-aqueous Compositions
062557A	Thailand	0801005700	4-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Thailand	0601002098	9-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Thailand	0801004649	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Thailand	0801002765	2-Jun-08			Stable Non-aqueous Pour-on Compositions
65792	Thailand	0201002969	9-Aug-02			Endoparasiticide Gel Composition
67834	Thailand	0501001052	10-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Thailand	0801002671	28-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
70832	Thailand	0801006494	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
52099	Turkey	03713628.0	21-Feb-03	TR2008083 37T4	20-Aug-08	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Turkey	03256595.4	20-Oct-03	2008/08288	20-Aug-08	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54104	Turkey	01308417.3	2-Oct-01	TR2006028 97T4	22-Mar-06	Anthelmintic Composition
55542	Turkey	01990123.0	11-Dec-01	2007/04410	18-Apr-07	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
57060	Turkey	05735365.8	10-Mar-05	TR2011117 87T4	26-Oct-11	A Canine Vaccine For Protection Against Ehrlichiosis
58833	Turkey	03255660.7	10-Sep-03	1398325	11-Apr-12	Monoclonal Antibody Specific For An Epitope Of Inactivated Feline Immunodeficiency-encoded Glycoprotein
59330	Turkey	06760127.8	19-May-06	TR2010071 89T4	30-Jun-10	Device And Method For Controlling Insects
60599	Turkey	04751979.8	12-May-04	TR2008011 53T4	12-Dec-07	Avian E. Coli Vaccine For Protection Against Colibacillosis
63840	Turkey	06770587.1	18-May-06	TR2011089 64T4	13-Jul-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
65792	Turkey	02255855.5	22-Aug-02	TR2004011 20T4	14-Apr-04	Endoparasiticide Gel Composition
66545	Turkey	02769679.8	3-May-02	TR2011104 41T4	24-Aug-11	Composition And Method For Increasing Cell Density In Cell Cultures Infected With Lentivirus

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
67122	Turkey	04254592.1	30-Jul-04	1505069	4-Jul-12	A Method Of Purifying Moxidectin Through Crystallization
69775	Turkey	05796311.8	12-Sep-05	1791561	16-May-12	Hemorrhagic Feline Calicivirus, Calicivirus Vaccine And Method For Preventing Calicivirus Infection
70849	Turkey	08730629.6	25-Feb-08	2134742	27-Jun-12	Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
50969	Uganda	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Uganda	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
050041A	Ukraine	A201201826	30-Aug-10			Heterologous Prime-boost Immunization Regimen
050674A	Ukraine	A201101661	19-Aug-09			Immunological Composition
54058	Ukraine	A200703867	7-Oct-05	86649	12-May-09	Amitraz Compositions
057292A	Ukraine	a201101392	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
061067A	Ukraine	A201002763	12-Sep-08			Live Attenuated Mycoplasma Strains
062557A	Ukraine	a201005344	5-Nov-08	98812	25-Jun-12	Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Ukraine	A200713118	18-May-06	96415	10-Nov-11	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Ukraine	a201002676	10-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
070832A	Ukraine	A201007554	18-Dec-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
54058	United Arab Emirates	286/2007	7-Oct-05			Amitraz Compositions
63840	United Arab Emirates	1083/2007	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
035013B	United States	11/652306	11-Jan-07	7622124	24-Nov-09	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
035013A	United States	11/318983	27-Dec-05	7169394	30-Jan-07	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
035013C	United States	12/618842	16-Nov-09	7959927	14-Jun-11	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
35013	United States	10/150597	17-May-02	7018638	28-Mar-06	Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	United States	12/869832	27-Aug-10			Heterologous Prime-boost Immunization Regimen



Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
050232A	United States	12/142160	19-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50384	United States	08/459600	2-Jun-95	5718904	17-Feb-98	Adjuvants For Viral Vaccines
050674A	United States	12/543536	19-Aug-09			Immunological Composition
050969A	United States	11/244574	6-Oct-05	8067013	29-Nov-11	Multivalent Avian Influenza Vaccines
051143A ⁷	United States	11/737104	18-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
051482A	United States	13/391563	25-Aug-10			Assay Methods for MDV-1
51567	United States	08/523302	5-Sep-95	6387647	14-May-02	Cytochrome P-450 Reductase Screen For Ergosterol Biosynthesis Inhibitors
52099	United States	10/371914	21-Feb-03	6998126	14-Feb-06	Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
53364	United States	11/206372	18-Aug-05	7344735	18-Mar-08	Method For Excystation Of Sporocysts
53364	United States	10/270856	15-Oct-02	6949375	27-Sep-05	Method For Excystation Of Sporocysts
054030A	United States	10/684995	14-Oct-03	7906128	15-Mar-11	Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
054058A	United States	11/245579	7-Oct-05	7906130	15-Mar-11	Amitraz Compositions
54104	United States	09/973361	9-Oct-01	6489303	3-Dec-02	Anthelmintic Composition
054114A	United States	12/170121	9-Jul-08			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
55494	United States	11/251692	17-Oct-05	7348012	25-Mar-08	Methods And Vaccines For Providing In Ovo Protection Against Turkey Rhinotracheitis
055542C	United States	12/692275	22-Jan-10	8187588	29-May-12	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
055542D	United States	13/458541	27-Apr-12			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
055542B	United States	11/507231	21-Aug-06	7666439	23-Feb-10	Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	United States	10/990204	16-Nov-04	7041299	9-May-06	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
55905	United States	10/725841	2-Dec-03	6833133	21-Dec-04	Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
56996	United States	08/990367	15-Dec-97	6022554	8-Feb-00	Polymeric Microporous Film Coated Subcutaneous Implant

⁷ St. Jude Children's Research Hospital is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
057292A	United States	13/057876	7-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57602	United States	07/780457	22-Oct-91	5607977	4-Mar-97	Benzoylureas
57947	United States	10/530073	14-Oct-03	7524651	28-Apr-09	Assay Methods For Detection Of A Virus In An Avian Tissue Sample
58004	United States	10/002950	31-Oct-01	RE42531	12-Jul-11	A Removably Replaceable Readherable Label
058561A	United States	12/028219	8-Feb-08			High-dose, Long-acting Ectoparasiticide For Extended Control
058896A	United States	13/146963	19-Feb-10			Improved-scent Ectoparasiticide Formulation
059330B	United States	12/623783	23-Nov-09			Device And Method For Controlling Insects
59415	United States	08/459602	2-Jun-95	5690942	25-Nov-97	Adjuvants For Viral Vaccines
060599B	United States	12/044549	7-Mar-08	7575754	18-Aug-09	Avian E. Coli Vaccine For Protection Against Colibacillosis
060599A	United States	10/837793	3-May-04	7357935	15-Apr-08	Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	United States	10/837810	3-May-04	7297338	20-Nov-07	Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067B	United States	13/283815	28-Oct-11			Live Attenuated Mycoplasma Strains
061885A	United States	11/634027	5-Dec-06	7687471	30-Mar-10	Benzimidazole Non-aqueous Compositions
062557A	United States	12/265274	5-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63184	United States	11/175824	6-Jul-05	7317037	8-Jan-08	Progesterone Receptor Modulators Comprising Pyrrole-oxindole Derivatives And Uses Thereof
063840A	United States	11/435684	17-May-06	7763267	27-Jul-10	Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
063840C	United States	11/897405	30-Aug-07			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
64013	United States	11/589527	30-Oct-06	7445787	4-Nov-08	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	United States	11/589507	30-Oct-06	7648705	19-Jan-10	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
64013	United States	11/589528	30-Oct-06	7648706	19-Jan-10	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine

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64013	United States	10/202716	25-Jul-02	7153513	26-Dec-06	Methods For Prevention Or Amelioration Of West Nile Encephalitis Using A West Nile DNA Vaccine
064187C	United States	13/626944	26-Sep-12			Attenuated Mycoplasma Gallisepticum Strains
064187B	United States	13/071601	25-Mar-11			Attenuated Mycoplasma Gallisepticum Strains
064187A	United States	12/207750	10-Sep-08	7935356	3-May-11	Attenuated Mycoplasma Gallisepticum Strains
064849A	United States	12/133413	5-Jun-08			Stable Non-aqueous Pour-on Compositions
064943A	United States	12/573289	5-Oct-09			Benzimidazole Anthelmintic Compositions
65115	United States	08/454084	30-May-95	5616708	1-Apr-97	Fungicidal Spiroheterocyclic Compounds
65115	United States	08/440480	12-May-95	5599818	4-Feb-97	Fungicidal Spiroheterocyclic Compounds
65221 ⁸	United States	08/220401	30-Mar-94	5780266	14-Jul-98	Feline Infectious Peritonitis Virus
65221 ⁹	United States	08/437362	9-May-95	5811104	22-Sep-98	Feline Infectious Peritonitis Virus
065299A	United States	12/864130	29-Jan-09			Swine Vaccination System
065792A	United States	10/202552	24-Jul-02	6893652	17-May-05	Endoparasiticide Gel Composition
065792B	United States	11/021690	24-Dec-04	7674475	9-Mar-10	Endoparasiticide Gel Composition
065792C	United States	12/692109	22-Jan-10	8241669	14-Aug-12	Endoparasiticide Gel Composition
066147A	United States	11/435659	17-May-06	7749527	6-Jul-10	Gel Compositions For Control Of Ecto-parasites
066604A	United States	12/898009	5-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
067122A	United States	10/894965	20-Jul-04	7348417	25-Mar-08	A Method Of Purifying Moxidectin Through Crystallization
067122B	United States	12/021429	29-Jan-08	7645863	12-Jan-10	A Method Of Purifying Moxidectin Through Crystallization
67175	United States	11/317260	23-Dec-05	7258865	21-Aug-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	10/637011	8-Aug-03	7223594	29-May-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	12/003558	28-Dec-07	7604808	20-Oct-09	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	10/718264	21-Nov-03	7179472	20-Feb-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)

* Scios, Inc. is a joint owner of this patent.

⁹ Scios, Inc. is a joint owner of this patent.

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
67175	United States	12/219774	28-Jul-08			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/588306	27-Oct-06	7425444	16-Sep-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/488926	19-Jul-06	7405075	29-Jul-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	12/216410	3-Jul-08	7758865	20-Jul-10	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	12/003188	20-Dec-07	7741026	22-Jun-10	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/262514	31-Oct-05	7261898	28-Aug-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/588302	27-Oct-06	7390494	24-Jun-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	09/514245	4-Dec-98	6703023	9-Mar-04	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/176667	8-Jul-05	7244433	17-Jul-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	10/718266	21-Nov-03	7148015	12-Dec-06	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/487589	19-Jul-06	7407803	5-Aug-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/588291	27-Oct-06	7740865	22-Jun-10	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/979296	1-Nov-07	7740866	22-Jun-10	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	13/277582	20-Oct-11			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	12/718197	5-Mar-10	8124723	28-Feb-12	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	13/226013	6-Sep-11			Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/588237	27-Oct-06	7722883	25-May-10	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/488885	19-Jul-06	7297537	20-Nov-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/007798	9-Dec-04	7223407	29-May-07	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	12/618485	13-Nov-09	7951907	31-May-11	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)

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67175	United States	11/588305	27-Oct-06	7323330	29-Jan-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67175	United States	11/488904	19-Jul-06	7314628	1-Jan-08	Circovirus Sequences Associated With Piglet Weight Loss Disease (PWD)
67235	United States	09/509961	16-Oct-98	6524592	25-Feb-03	Veterinary Vaccines
067834A	United States	11/076713	10-Mar-05	7338661	4-Mar-08	Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
067834C	United States	12/914591	28-Oct-10			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
70357	United States	07/966990	27-Oct-92	5286741	15-Feb-94	N-oxy And Thioalkylcarbonyloxy Alkylpyrrole Insecticidal, Acaricidal And Molluscicidal Agents
070703A	United States	11/504350	14-Aug-06	7723329	25-May-10	Substituted-3-sulfonylindazole Derivatives As 5-hydroxytryptamine-6 Ligands
070832B	United States	13/043853	9-Mar-11			Methods And Compositions For Immunizing Pigs Against Porcine Circovirus
070849A	United States	12/528822	25-Feb-08			Immunogenic Compositions And Methods For Treating And Preventing Animal Infections
050041A	Uruguay	32876	2-Sep-10			Heterologous Prime-boost Immunization Regimen
54058	Uruguay	29157	7-Oct-05			Amitraz Compositions
58004	Uruguay	24380	27-Nov-96	14017	15-Apr-02	A Removably Replaceable Readherable Label
066604A	Uruguay	32.930	6-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
35013	Venezuela	2003-000788	16-May-03			Improved Combined Vaccine Against Mycoplasma Hyopneumoniae And Porcine Viruses
050041A	Venezuela	2010-1386	2-Sep-10			Heterologous Prime-boost Immunization Regimen
50232	Venezuela	01214/2008	20-Jun-08			Emulsion Vaccine Compositions Comprising Antigen And Adjuvant In The Aqueous Phase
50674	Venezuela	01554/2009	19-Aug-09			Immunological Composition
50969	Venezuela	2005-002032	6-Oct-05			Multivalent Avian Influenza Vaccines
52099	Venezuela	2003-000267	25-Feb-03			Selection Of Poultry Eimeria Strains Through Extra-intestinal Sporozoites
54030	Venezuela	2003-001806	21-Oct-03			Use Of Neuronal Sodium Channel Antagonists For The Control Of Ectoparasites In Homeothermic Animals
54058	Venezuela	2005-002047	7-Oct-05			Amitraz Compositions

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
54904	Venezuela	01065/2008	30-May-08			Raccoon Poxvirus Expressing Rabies Glycoproteins
55542	Venezuela	2001-002617	18-Dec-01			Improved Mycoplasma Hyopneumoniae Bacterin Vaccine
55905	Venezuela	2003-002126	5-Dec-03			Escape Mutants Of Newcastle Disease Virus As Marker Vaccines
57292	Venezuela	01487/2009	6-Aug-09			Infectious Bronchitis Vaccines Derived From IB-qx-like Vaccine Strains
57947	Venezuela	2003-001759	14-Oct-03			Assay Methods For Detection Of A Virus In An Avian Tissue Sample
60599	Venezuela	2004-000738	13-May-04			Avian E. Coli Vaccine For Protection Against Colibacillosis
61023	Venezuela	2004-000739	13-May-04			Avian Vaccine Composition For The Protection Of Poultry Against Disease And Infection Caused By E. C
061067A	Venezuela	01861-2008	11-Sep-08			Live Attenuated Mycoplasma Strains
61885	Venezuela	2805/2006	30-Nov-06			Benzimidazole Non-aqueous Compositions
062557A	Venezuela	02303/2008	6-Nov-08			Mycoplasma Hyopneumoniae Avirulent Adjuvanted Live Vaccine
63840	Venezuela	1138/2006	23-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
064187A	Venezuela	01854/2008	11-Sep-08			Attenuated Mycoplasma Gallisepticum Strains
64849	Venezuela	01095/2008	5-Jun-08			Stable Non-aqueous Pour-on Compositions
65792	Venezuela	2002-001630	27-Aug-02			Endoparasitocidal Gel Composition
066604A	Venezuela	2010-01563	7-Oct-10			Compositions Comprising Adjuvant, Macrolide And Proteinaceous Antigen And Methods Of Use Thereof
67834	Venezuela	2005-000439	14-Mar-05			Infectious Bursal Disease Virus Antigenic Isolates And Vaccines
69897	Venezuela	01062/2008	30-May-08			Raccoon Poxvirus Expressing Genes Of Feline Antigens
51143 ¹⁰	Vietnam	1-2008-02577	23-Apr-07			Avian Influenza Viruses, Vaccines, Compositions, Formulations, And Methods
54058	Vietnam	1-2007-00898	7-Oct-05			Amitraz Compositions
63840	Vietnam	1-2007-02765	18-May-06			Versatile High Load Concentrate Compositions For Control Of Ecto-parasites
50969	Zambia	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines

¹⁰ St. Jude Children's Research Hospital is a joint owner of this patent.

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Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
54058	Zambia	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions
50969	Zimbabwe	AP/P/2007/003955	6-Oct-05	AP2167	12-Nov-10	Multivalent Avian Influenza Vaccines
54058	Zimbabwe	AP/P/2007/003957	7-Oct-05	AP2279	7-Sep-11	Amitraz Compositions

DECLARACION JURAMENTADA

Yo, Gelsomina Hohmann, por la presente certifico que la copia adjunta ha sido comparado con la Cesión de patente original entre **PAH W LLC** cambiando el nombre por "**PAH W LLC**" a "**ZOETIS W LLC**" firmado el 1 de febrero del 2013, y que dicha copia es copia fiel del original.

Fecha el 8 de abril de 2013, en Madison, New Jersey Estados Unidos de América.

Firmado: Gelsomina Hohmann

PARA SER USADO EN COLOMBIA

RECONOCIMIENTO

Estado de New Jersey
Condado de Morris

El 8 de abril de 2013, compareció personalmente Gelsomina Hohmann, conocido del suscrito, y conocido del suscrito como la persona descrita en el anterior instrumento y quien lo suscribió, la cual reconoció que suscribió el mismo por su propia voluntad y para los fines expuestos en el mismo.

(Firma ilegible)

MICHELLE L. McGOWAN
Notario Público de New Jersey
I.D. No 2409814
Mi comisión vence el 22 de junio de 2016

ESTADO DE DELAWARE

EL PRIMER ESTADO

Yo, JEFFREY W. BULLOCK, secretario del Estado de Delaware, certifico que los documentos adjuntos son copia fiel y correcta del certificado de modificación de "PAH W LLC", cambiando su nombre de "PAH W LLC" a "ZOETIS W LLC", presentado en la oficina el 1 de febrero A.D. de 2013, a las 1:19 en punto.

Sello secretario de estado de Delaware

5114656 8100
130120071

Es posible certificar este certificado en línea
En corp.delaware.gov/authver.shtml

Por: (firma ilegible)
Persona Autorizada 0187149

Fecha 02-01-13

Estado de Delaware
Secretaria de Estado
División de Compañías
Elaborado: 02-01-2013 01:19 PM
Presentado: 02-01-2013 01:19 pm
SRV 130120071- 5114656 Firmado

ESTADO DE DELAWARE
CERTIFICADO DE MODIFICACION

1. Nombre de la sociedad de responsabilidad limitada: PAH W LLC
2. El certificado de modificación de responsabilidad limitada se modificara de la siguiente manera:

Parágrafo primero del certificado de modificación relacionada con el nombre de la empresa se modifica de la siguiente manera:

El nombre del sociedad de responsabilidad limitada es : **Zoetis W LLC**

En fe de lo cual, los abajo firmantes han suscrito este certificado el 1 de Febrero de 2013.

Por: (firma ilegible)
Persona Autorizada

Nombre: Brenda L. Santuccio

[Handwritten initials]

AFFIDAVIT

I, Gelsomina Hohmann, do hereby certify that the attached copy has been compared with the original Certificate of Amendment of "PAH W LLC" changing its name from "PAH W LLC" to "Zoetis W LLC" dated February 1, 2013, and that the said copy is a true copy of the original.

Dated this 8th day of April, 2013, at Madison, New Jersey, United States of America.


Gelsomina Hohmann

TO BE USED IN COLOMBIA

ACKNOWLEDGMENT

State of New Jersey)
)
County of Morris)

On this 8th day of April, 2013, before me personally appeared Gelsomina Hohmann, to me known and known to me to be the individual described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same.


Notary Public

**MICHELLE L. McGOWAN
NOTARY PUBLIC OF NEW JERSEY
I.D. # 2409814
My Commission Expires 6/22/2016**

Delaware

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The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PAH W LLC", CHANGING ITS NAME FROM "PAH W LLC" TO "ZOETIS W LLC", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2013, AT 1:19 O'CLOCK P.M.

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You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 0187149

DATE: 02-01-13

State of Delaware
Secretary of State
Division of Corporations
Delivered 01:19 PM 02/01/2013
FILED 01:19 PM 02/01/2013
SRV 130120071 - 5114656 FILE

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: PAH W LLC
2. The Certificate of Formation of the limited liability company is hereby amended as follows:

Paragraph One of the Certificate of Formation relating to the name of the company is hereby amended to read as follows:

The name of the limited liability company is
Zoetis W LLC.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on
the 15 day of February, A.D. 2013.

By: Brenda L. Santuccio
Authorized Person(s)

Name: Brenda L. Santuccio
Print or Type