



No. 11-068897- -00006-0000

Fecha: 2013-05-31 16:43:57 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 608 MODIFICASOLICIT Folios: 22 42

DIRECCIÓN DE NUEVAS CREACIONES
MODIFICACIONES Y/O CORRECCIONES

P2011-000111

1. Identificación del Trámite

☐ Error material

☒ Modificación a una Solicitud en trámite

☒ Patente de Invención

☐ Patente de Modelo de Utilidad

☐ Registro de Diseño Industrial

☐ Esquema de Trazado de Circuitos Integrados

2. Datos del solicitante

Persona Natural ☐

Persona Jurídica ☒

ZOETIS LLC.

Nombre o denominación / Nombre o razón social completa

CARLOS R. OLARTE.

Nombre representante legal

Tipo de empresa

Micro ☐

Pequeña ☐

Mediana ☐

Otra ☒

Documento de identificación:

☒ C.C.

☐ C.E.

☐ NIT

☐ Otro Número 79.782.747

Nacionalidad/País de constitución	Dirección y domicilio del titular	Ciudad
Estados Unidos de América	100 Campus Drive, Florham Park, New Jersey 07932	New Jersey
Dirección electrónica	No. Fax	Número telefónico
office@olartemoure.com	601-7799	601-7700

☒

Autorizo expresamente a la Superintendencia de Industria y Comercio para que todas las comunicaciones sean enviadas a través de la dirección de correo electrónico

3. Datos del apoderado:

OLARTE GARCIA CARLOS R.

79.782.747 de Btá

74.295

Apellidos y Nombre

Documento de identificación

Tarjeta profesional

Dirección y domicilio		Ciudad
Cra 5 No. 34-03		BOGOTA
Dirección electrónica	No. Fax	Número telefónico
office@olartemoure.com	601-7799	601-7700

En caso de haber presentado poder general para asuntos que se adelanten ante la Delegatura de Propiedad Industrial, sírvase indicar el número de su radicación o protocolo de poder general

4. Datos del trámite

Corrección:

Expediente No 11-068.897

Aparece _____

Debe ser _____

Modificación:

☐ Modificación al capítulo reivindicatorio.

☐ Modificación al capítulo descriptivo.

☐ Modificación al resumen.

☐ Modificación a los dibujos.

☒ Modificación al solicitante.
CAMBIO DE NOMBRE DE PFIZER INC A ZOETIS LLC

5. Anexos

- ☒ Comprobante de pago de la tasa para la presentación de la corrección y/o modificación
- ☒ Poder, si fuere el caso.
- ☒ Documento que contiene las modificaciones o correcciones.
- ☐ Copia de la solicitud y sus anexos en formato magnético.

6. Firma

Nombre y apellidos
CARLOS R. OLARTE

C.C. 79.782.747 de Bogotá

Firma

Tarjeta Profesional 74.295

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
NIT : 800.176.089-2
- / -



RECIBO DE CAJA

No. 13 - 0052387

Bogotá D.C., Mayo 30 de 2013 - 09:58:20

RECIBIDO DE : OLARTE MOURE & ASOCIADOS

NI 830.122.870

*** Soporte del Pago ***

TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PAGO	VR. PAGO
RECIBO DE CA	999999999	36746	18/04/2013		505.000.00
RECIBO DE CA	999999999	43350	08/05/2013		505.000.00
RECIBO DE CA	999999999	43351	08/05/2013		505.000.00

*** Conceptos Pagados ***

CANT. RENTISTICO	CONCEPTO	Vr.UNDITARIO	Vr.CONCEPTO
1 50005-01-03 CAMBIO DE MODALIDAD Y MODIFICACIONES	DE LAS SOLICITUDES EN TRAMITE	50.000.00	50.000.00
			\$50.000.00

SON: **CINCUENTA MIL PESOS MONEDA CORRIENTE**

Responsable: _____

Recibo de Caja Aplicado al Expediente No. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 11-068897- -00006-0000

Fecha: 2013-05-31 16:43:57 Dep. 2020 DIR.NUEVASCR
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Act. 608 MODIFICASOLICIT Folios: 92

Sede Centro: Carrera 13 No. 27 - 00 Pisos 3,4,5 y 10 Bogotá, D.C.- Colombia

Web: www.sic.gov.co e-mail: info@sic.gov.co Conmutador: (571) 5870000 Fax: (571) 5870284 Línea: 016000-910165 Call Center: (571) 6513240

Mayo 30 de 2013 - 09:58:24

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.

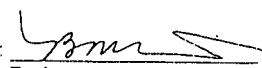
Poder General

El suscrito,
ZOETIS 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 reconveniones; 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 creyeran conducentes al resguardo de nuestros intereses.

Signature/Firma:


Barbara L. Renda, Vice President, Zoetis LLC

Date/Fecha: 2 April 2013

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

Carlos R. Olarte
Juan G. Mour
Alexander Agudelo
Carlos A. Parr
Juan Felipe Acosta
Andrés Rincón
Mónica Guevara
Andrés Alvarado
Ella Ponci
Liliana Galindo
María Clara Calderón
Mauricio Ávila
Laura Escobar
José Jairo Dangone
Gina Cáceres
Isabella Herrera
Zaava Ravid
Medellín
María Clara Múnera

DECLARACION JURAMENTADA

Yo, Michelle L. McGowan por la presente certifico que la copia adjunta ha sido comparada con la Cesión de patente original entre Pfizer Inc. (Cedente) y AH USA 42 LLC (Cesionario), de fecha 1 de octubre de 2012, y que dicha copia es copia fiel del original.

Fecha el 2 de abril de 2013, en Madison, New Jersey Estados Unidos de América.

Firmado: Michelle L. McGowan

PARA SER USADO EN COLOMBIA

RECONOCIMIENTO

Estado de New Jersey

Condado de Morris

El 2 de abril de 2013, compareció personalmente Michelle L. McGowan, 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)

CHRISTINE T. AVENOSO

Notario Público de New Jersey

Mi comisión vence el 20 de noviembre de 2018

CESION DE PATENTE

Esta asignación de patente ("cesión") se hace efectiva a partir del 01 de octubre 2012 (la "fecha efectiva"), por y entre Pfizer Inc., una sociedad constituida bajo las leyes de Delaware, ("cedente") y AH USA 42 LLC, un sociedad de responsabilidad limitada 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

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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 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 regirá 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

9

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
PFIZER INC
(firma ilegible)
SALVATORE COLLETTI
Secretario Asistente

CESIONARIO
AH USA 15 LLC
(firma ilegible)
ANDREW MURATORE
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, por Salvatore Colletti, el Secretario Asistente (titulo) por PFIZER INC, una compañía organizada bajo las leyes de Delaware, en nombre de dicha compañía.

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, por Andrew Muratore, el Presidente (titulo) por AH USA 42 LLC, una compañía organizada bajo las leyes de Delaware, en nombre de dicha compañía.

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

AFFIDAVIT

I, Michelle L. McGowan, do hereby certify that the attached copy has been compared with the original Patent Assignment between Pfizer Inc. (Assignor) and AH USA 42 LLC (Assignee), dated October 1, 2012, and that the said copy is a true copy of the original.

Dated this 2nd day of April, 2013, at Madison, New Jersey, United States of America.

Michelle L. McGowan
Michelle L. McGowan

TO BE USED IN COLOMBIA

ACKNOWLEDGMENT

State of New Jersey)
)
County of Morris)

On this 2nd day of April, 2013, before me personally appeared Michelle L. McGowan, 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.

Christine T. Avenoso
Notary Public

CHRISTINE T. AVENOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires November 20, 2018

PATENT ASSIGNMENT

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

RECITALS:

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

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

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

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

13

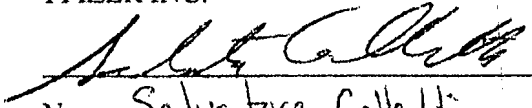
perfect its ownership of the Assigned Patent Rights.

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

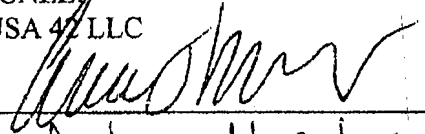
[Signature page follows]

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

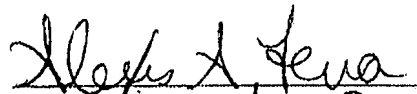
ASSIGNOR:
PFIZER INC.


Name: Salvatore Colletti
Title: Assistant Secretary

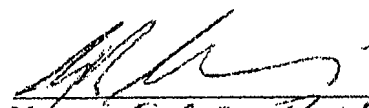
ASSIGNEE:
AH USA 47 LLC


Name: Andrew Muratore
Title: President

WITNESSED AS TO BOTH BY:

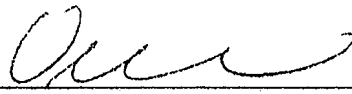

Name: Alexis Ariel Ferra
Nationality: American
Title: Administrative Assistant
Commercial address:
235 E. 42nd Street
New York, NY 10017

WITNESSED AS TO BOTH BY:


Name: GARY ROSS GRENADA
Nationality: USA
Title: SENIOR SPECIALIST
Commercial address:
235 E 42ND RD NYC 10017

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

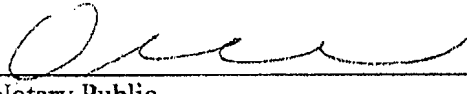
This instrument was executed before me on this 27 day of September, 2012, by Salvatore Coletti, the Assistant Secretary (title) of Pfizer Inc., a corporation organized under the laws of Delaware, on behalf of said corporation.



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

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

This instrument was executed before me on this 27 day of September, 2012, by Andrew Wiatre, the President (title) of AH USA 42 LLC, a limited liability company organized under the laws of Delaware on behalf of said limited liability company.



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

SCHEDULE A
ASSIGNED PATENTS

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
006977C	Argentina	305.233	9/15/1986			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
007988A	Argentina	322427	5/29/1992	255219	9/5/2001	Quinuclidine Derivatives
8385	Argentina	327200	1/17/1994	253.433	6/28/1999	Antiparasitic Agents
008787A	Argentina	P960105774	12/19/1996	AR005147	3/31/2006	Injectable Quinolone Formulations
9059	Argentina	308684	9/10/1987	AR253593	8/27/1999	Pyrido(3,2,1-ij)-1,3,4 Benzoxadiazine Derivatives
009424A	Argentina	P970105679	12/3/1997	AR013879B1	3/29/2007	Parasitocidal Pyrazoles
009452A	Argentina	P980103834	8/3/1998	AR016388 B1	9/29/2006	Improved Process For Antiparasitic Agent
009461A	Argentina	P990105840	11/17/1999	AR023062B1	1/31/2011	Antiparasitic Formulations
026082A	Argentina	P040104692	12/16/2004			New Fluorinated Arylpyrazoles
033245A	Argentina	P090102382	6/26/2009			Novel Adjuvant Compositions
033634A	Argentina	P080102793	6/27/2008			Anthelmintic Combination
033701A	Argentina	P090103164	8/18/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Argentina	P080105537	12/18/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	Argentina	P090103145	8/14/2009			Substituted Imidazole Combinations
033857A	Argentina	P090104645	12/2/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Argentina	P100100431	2/15/2010			High Dosage Doramectin Formulation
33979	Argentina	P110104212	11/10/2011			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
033997A	Argentina	P110100294	1/28/2011			Topical Antiparasitic Formulations
071647A	Argentina	P110100535	2/22/2011			Veterinary Compositions
071661A	Argentina	P110101750	5/20/2011			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Argentina	P110102599	7/19/2011			Parapoxvirus Vectors
071703A	Argentina	P110102823	8/4/2011			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Argentina	P120102662	7/20/2012			Interleukin-31 Monoclonal Antibody
071752A	Argentina	P120101502	4/27/2012			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Argentina	PI20103114	8/23/2012			Improved Vaccine Diagnostics

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071769A	Argentina	P120100780	3/9/2012			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
071867A	Argentina	P120103892	10/18/2012			Use of Aminoacetonitrile Derivatives Against EndoParasites
8385	Australia	58835/94	1/12/1994	679033	10/9/1997	Antiparasitic Agents
008787A	Australia	73289/96	11/13/1996	709474	12/9/1999	Injectable Quinolone Formulations
009031A	Australia	31413/93	11/13/1992	667858	7/30/1996	Gram-Negative Bacterial Vaccines
009032A	Australia	31430/93	11/13/1992	669681	10/9/1996	Pasteurella Multocida Toxoid Vaccines
009035C	Australia	64355/96	8/29/1996	707841	11/4/1999	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Australia	64939/94	3/29/1994	689772	7/23/1998	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Australia	59696/94	1/19/1994	688301	7/2/1998	Process For The Manufacture Of A Tricyclic Compound
009452A	Australia	731854	7/23/1998	731854	7/19/2001	Improved Process For Antiparasitic Agent
009461A	Australia	757892	10/20/1999	757892	6/26/2003	Antiparasitic Formulations
010433A	Australia	30065/00	2/25/2000	769153	5/6/2004	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Australia	2008302053	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal Sampling System
019794A	Australia	200068112	9/1/2000	767822	11/27/2003	
22141	Australia	82001/98	7/9/1998	725562	1/25/2001	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Australia	25263/00	12/24/1999	758133	6/26/2003	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Australia	2008307732	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	Australia	2003283757	12/8/2003			Veterinary Compositions For Treating Mastitis
025672A	Australia	2010201587	4/21/2010			Veterinary Compositions For Treating Mastitis
025930A	Australia	2005223483	3/7/2005	2005223483	8/6/2009	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Australia	2004304717	12/15/2004	2004304717	3/3/2011	New Fluorinated Arylpyrazoles
033245A	Australia	2009263759	6/24/2009			Novel Adjuvant Compositions
033256A ¹	Australia	2008310605	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	Australia	2008272646	6/16/2008			Anthelmintic Combination

¹ Connie Gebhart is a joint owner of this patent.

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033701A	Australia	2009283844	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Australia	2008348022	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Australia	2009303845	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Australia	2009283835	8/4/2009			Substituted Imidazole Combinations
033857A	Australia	2009323784	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Australia	2010233409	2/2/2010	2010233409	8/30/2012	High Dosage Doramectin Formulation
033974A	Australia	2010307250	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	Australia	2011210267	1/4/2011			Topical Antiparasitic Formulations
034004A	Australia	2011213198	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Australia	2011236510	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Australia	2011219452	2/15/2011			Veterinary Compositions
007988A	Austria	SZ8/2007	2/1/2007	SZ8/2007	6/13/2007	Quinuclidine Derivatives
8385	Austria	EPO677054	1/12/1994	E164586	4/1/1998	Antiparasitic Agents
8385	Austria	SZ 3/2000	1/19/2000	SZ 3/2000	3/18/2002	Antiparasitic Agents
008787A	Austria	EP0868183	11/13/1996	E212551	1/30/2002	Injectable Quinolone Formulations
009035C	Austria	93909199.7	3/30/1993	E258445	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Austria	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Austria	EP0680482	1/19/1994	E151075	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Austria	SZ 39/2006	11/24/2006	SZ 39/2006	9/28/2007	Cyclic Ether Cephalosporins
009452A	Austria	98946289.0	7/23/1998	E238333	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Austria	99972494.1	10/20/1999	E288201	2/2/2005	Antiparasitic Formulations
010305A	Austria	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
019794A	Austria	000955970.9	9/1/2000	E397892	8/11/2008	Sampling System
22141	Austria	98931835.7	7/9/1998	E458493	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Austria	SZ26/2010	7/6/2010	SZ26/2010	4/13/2011	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Austria	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Austria	04801410.4	12/15/2004	E413809	11/12/2008	New Fluorinated Arylpyrazoles

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071804A ²	Bangladesh	130/2012	5/13/2012			Hendra And Nipah Virus G Glycoprotein Immunogenic Compositions
007988A	Belgium	2007C/001	1/11/2007	2007C/001	2/6/2007	Quinuclidine Derivatives
8385	Belgium	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Belgium	20000C1004	1/25/2000	20000C1004	6/6/2000	Antiparasitic Agents
008787A	Belgium	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Belgium	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Belgium	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Belgium	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Belgium	2006C/038	12/4/2006	2006C/038	2/6/2007	Cyclic Ether Cephalosporins
009452A	Belgium	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Belgium	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Belgium	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	Belgium	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Belgium	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Belgium	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Belgium	2010C/029	7/28/2010			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Belgium	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Belgium	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
8385	Brazil	PI1100033-3	8/21/1996	PI1100033-3	6/20/2000	Antiparasitic Agents
008787A	Brazil	PI9612230-7	11/13/1996	PI9612230-7	5/6/2008	Injectable Quinolone Formulations
9170	Brazil	PI9602667-7	6/5/1996			In Ovo Vaccination Against Coccidiosis
009452A	Brazil	PI9811826-9	7/23/1998			Improved Process For Antiparasitic Agent
009461A	Brazil	PI9915458-7	10/20/1999	PI9915458-7	4/19/2011	Antiparasitic Formulations
010433A	Brazil	PI0008508-1	2/25/2000			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433A	Brazil	PI0017588-9	8/19/2010			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts

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

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019749A	Brazil	PI0816938-1	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	Brazil	PI0818300-7	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
026082A	Brazil	PI0417810-6	12/15/2004			New Fluorinated Arylpyrazoles
033245A	Brazil	PI0913954-0	6/24/2009			Novel Adjuvant Compositions
033256A	Brazil	PI0818248-5	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	Brazil	PI0813235-6	6/16/2008			Anthelmintic Combination
033701A	Brazil	PI0917459-1	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Brazil	PI0819938-8	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Brazil	PI0920248-0	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Brazil	PI0916970-9	8/4/2009			Substituted Imidazole Combinations
033857A	Brazil	PI0920982-4	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Brazil	PI1008822-9	2/2/2010			High Dosage Doramectin Formulation
033974A	Brazil	BR112012008946-3	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	Brazil	PCT/IB2011/050027	1/4/2011			Topical Antiparasitic Formulations
034004A	Brazil	BR1120120195115	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Brazil	BR112012025541-0	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Brazil	PCT/IB2011/050625	2/15/2011			Veterinary Compositions
71881	Brazil	BR302012002084-0	4/26/2012			Structural Arrangement For An In Ovo Injection Device
007988A	Bulgaria	07/0003	2/5/2007			Quinuclidine Derivatives
008787A	Bulgaria	102542	11/13/1996	63933	4/9/2003	Injectable Quinolone Formulations
006977C	Canada	518238	9/16/1986	1340734	9/14/1999	Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Canada	2152819	1/12/1994	2152819	3/16/1999	Antiparasitic Agents
008787A	Canada	2239352	11/13/1996	2239352	6/4/2002	Injectable Quinolone Formulations
009031A	Canada	2123222	11/13/1992	2123222	2/27/2001	Gram-Negative Bacterial Vaccines
009035C	Canada	2133108	3/30/1993	2133108	1/25/2005	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine

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009047A	Canada	2158651	3/29/1994	2158651	9/1/2009	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Canada	2153984	1/19/1994	2153984	8/5/2008	Process For The Manufacture Of A Tricyclic Compound
009452A	Canada	2296109	7/23/1998	2296109	11/4/2003	Improved Process For Antiparasitic Agent
009461A	Canada	2351730	10/20/1999	2351730	12/5/2006	Antiparasitic Formulations
010433A	Canada	2366896	2/25/2000	2366896	10/19/2010	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433A	Canada	2710788	8/3/2010			Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Canada	2698585	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019794A	Canada	2379479	9/1/2000	2379479	8/30/2011	Sampling System
22141	Canada	2294865	7/9/1998			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Canada	2359111	12/24/1999			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Canada	2700688	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	Canada	2517622	12/8/2003	2517622	4/7/2009	Veterinary Compositions For Treating Mastitis
025930A	Canada	2560510	3/7/2005	2560510	10/13/2009	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Canada	2549479	12/15/2004	2549479	8/18/2009	New Fluorinated Arylpyrazoles
033245A	Canada	2723786	6/24/2009			Novel Adjuvant Compositions
033256A ³	Canada	2702264	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	Canada	2690111	6/16/2008	2690111	11/15/2011	Anthelmintic Combination
033701A	Canada	2733359	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Canada	2710186	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Canada	2739469	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Canada	2731068	8/4/2009			Substituted Imidazole Combinations
033857A	Canada	2744750	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Canada	2750626	2/2/2010			High Dosage Doramectin Formulation

³ Connie Gebhart is a joint owner of this patent.

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033974A	Canada	2775277	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	Canada	2784718	1/4/2011			Topical Antiparasitic Formulations
034004A	Canada	2788071	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Canada	PCT/IB2011/051129	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Canada	2788659	2/15/2011			Veterinary Compositions
007988A	Chile	494-92	5/20/1992	41.321	4/23/2002	Quinuclidine Derivatives
8385	Chile	71-94	1/17/1994	39960	5/10/1999	Antiparasitic Agents
008787A	Chile	2307-96	12/20/1996	41.496	8/21/2002	Injectable Quinolone Formulations
026082A	Chile	3199-04	12/16/2004	45.167	6/12/2009	New Fluorinated Arylpyrazoles
033245A	Chile	1360-2010	6/24/2009			Novel Adjuvant Compositions
033701A	Chile	2011-353	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Chile	2008-3845	12/19/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	Chile	01343-2011	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Chile	1775-2011	2/2/2010			High Dosage Doramectin Formulation
071645A	Chile	02770-2012	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
8385	China P.R.	94101917.9	1/18/1994	ZL94101917.9	3/4/1999	Antiparasitic Agents
008787A	China P.R.	96199249.2	11/13/1996	ZL96199249.2	4/9/2002	Injectable Quinolone Formulations
009050A	China P.R.	94190968.9	1/19/1994	ZL94190968.9	4/14/2000	Process For The Manufacture Of A Tricyclic Compound
9170	China P.R.	96110384.1	6/6/1996	ZL96110384.1	6/16/2004	In Ovo Vaccination Against Coccidiosis
9215	China P.R.	96110383.3	6/6/1996	ZL96110383.3	6/16/2004	In Ovo Vaccination Against Coccidiosis
009452A	China P.R.	98808106.7	7/23/1998	ZL98808106.7	8/11/2004	Improved Process For Antiparasitic Agent
009452A	China P.R.	200410008225.8	7/23/1998	200410008225.8	3/7/2007	Improved Process For Antiparasitic Agent
009461A	China P.R.	99813455.4	10/20/1999	ZL99813455.4	4/28/2004	Antiparasitic Formulations
010433A	China P.R.	00806754.6	2/25/2000	ZL00806754.6	6/29/2005	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	China P.R.	200880108269.4	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	China P.R.	200880119095.1	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods

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026082A	China P.R.	200480037749.8	12/15/2004	ZL200480037749	4/2/2008	New Fluorinated Arylpyrazoles
033245A	China P.R.	200980124560.5	6/24/2009			Novel Adjuvant Compositions
033256A ⁴	China P.R.	200880117512.9	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	China P.R.	200880022643.9	6/16/2008	200880022643.9	5/23/2012	Anthelmintic Combination
033701A	China P.R.	200980132519.2	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	China P.R.	200880121714.0	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	China P.R.	200980150532.0	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	China P.R.	200980132248.0	8/4/2009			Substituted Imidazole Combinations
033857A	China P.R.	200980148483.7	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033857A	China P.R.	201210412082.10	10/25/2012			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	China P.R.	201080007929.7	2/2/2010			High Dosage Doramectin Formulation
033974A	China P.R.	201080056676.2	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	China P.R.	201180006148.0	1/4/2011			Topical Antiparasitic Formulations
034004A	China P.R.	201180017106.70	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	China P.R.	201180017687.40	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	China P.R.	201180011241.0	2/15/2011			Veterinary Compositions
009424A	Colombia	97070532	12/2/1997	28051	6/29/2004	Parasiticidal Pyrazoles
033245A	Colombia	10-160.889	6/24/2009			Novel Adjuvant Compositions
033701A	Colombia	11-019.992	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Colombia	11-068.897	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Colombia	11-111.108	2/2/2010			High Dosage Doramectin Formulation
8385	Croatia	P940110A	2/15/1994	P940110A	2/8/2001	Antiparasitic Agents
009452A	Cyprus	PCT/EP98/04931	7/23/1998	CY1100805	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Cyprus	99972494.1	10/20/1999	CY05/1100502	2/2/2005	Antiparasitic Formulations
010305A	Cyprus	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations

⁴ Connie Gebhart is a joint owner of this patent.

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22141	Cyprus	98931835.7	7/9/1998	CY1109968	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Cyprus	CY2010013	7/7/2010	SPCCY2010013	8/23/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Cyprus	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Czech Republic	SPC/CZ2007/104	3/27/2007	SPC/CZ2007/104	7/10/2007	Quinuclidine Derivatives
8385	Czech Republic	PV 1817-95	1/12/1994	284849	1/22/1999	Antiparasitic Agents
008787A	Czech Republic	PV1930-98	11/13/1996	293747	5/19/2004	Injectable Quinolone Formulations
009452A	Czech Republic	PV2000-95	7/23/1998	296906	6/7/2006	Improved Process For Antiparasitic Agent
009461A	Czech Republic	PV 2001-1734	10/20/1999			Antiparasitic Formulations
007988A	Denmark	CA200700014	2/22/2007	CA200700014	3/10/2008	Quinuclidine Derivatives
8385	Denmark	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Denmark	CA 2000 00003	2/3/2000	CA 2000 00003	1/7/2008	Antiparasitic Agents
008787A	Denmark	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Denmark	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Denmark	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Denmark	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Denmark	CA200600036	12/18/2006	CR200600036	2/11/2008	Cyclic Ether Cephalosporins
009452A	Denmark	98946289.0	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Denmark	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Denmark	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
019794A	Denmark	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Denmark	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Denmark	C201000023	7/20/2010	CR2010 00023	1/24/2011	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Denmark	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Denmark	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
033701A	Ecuador	SP-11-10904	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
8385	Egypt	30/94	1/17/1994	20582	8/31/1999	Antiparasitic Agents
009452A	Eurasian Patent Convention	199901056	7/23/1998	002103	12/24/2001	Improved Process For Antiparasitic Agent

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71881	European Community Design	002029827-0001	4/20/2012			Structural Arrangement For An In Ovo Injection Device
8385	European Patent Convention	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
008787A	European Patent Convention	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009031A	European Patent Convention	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	European Patent Convention	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	European Patent Convention	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	European Patent Convention	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
9170	European Patent Convention	95918720.4	6/7/1995	0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	European Patent Convention	95918719.6	6/7/1995	EP831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	European Patent Convention	98946289.0	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	European Patent Convention	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	European Patent Convention	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	European Patent Convention	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	European Patent Convention	08832040.3	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019794A	European Patent Convention	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	European Patent Convention	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	European Patent Convention	10154395.7	2/23/2010			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	European Patent Convention	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	European Patent Convention	08835063.2	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	European Patent Convention	03775738.2	12/8/2003	1581184	8/24/2011	Veterinary Compositions For Treating Mastitis

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026082A	European Patent Convention	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
033245A	European Patent Convention	09769768.4	6/24/2009			Novel Adjuvant Compositions
033256A ⁵	European Patent Convention	08838262.7	10/14/2008			Methods Of Culturing <i>Lawsonia Intracellularis</i>
033634A	European Patent Convention	08762949.9	6/16/2008			Anthelmintic Combination
033701A	European Patent Convention	09786882.2	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	European Patent Convention	08870798.9	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	European Patent Convention	09801580.3	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	European Patent Convention	09786800.4	8/4/2009			Substituted Imidazole Combinations
033857A	European Patent Convention	09768236.3	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS ¹ Protein
033876A	European Patent Convention	10703519.8	2/2/2010	2396006	12/19/2012	High Dosage Doramectin Formulation
033974A	European Patent Convention	10823754.6	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	European Patent Convention	11702506.4	1/4/2011			Topical Antiparasitic Formulations
034004A	European Patent Convention	11703762.2	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	European Patent Convention	11715039.1	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	European Patent Convention	11708328.7	2/15/2011			Veterinary Compositions
007988A	Finland	120070011	3/13/2007	296	2/24/2011	Quinuclidine Derivatives
8385	Finland	940218	1/12/1994	111727	9/15/2003	Antiparasitic Agents
8385	Finland	L20030013	10/1/2003	234	12/19/2008	Antiparasitic Agents
008787A	Finland	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009452A	Finland	98946289.0	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Finland	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations

⁵ Connie Gebhart is a joint owner of this patent.

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010305A	Finland	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
22141	Finland	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Finland	C20100020	8/13/2010			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Finland	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Finland	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
007988A	France	07C0009	2/2/2007	07C0009	10/19/2009	Quinuclidine Derivatives
8385	France	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	France	00C0007	2/15/2000	00C0007	8/30/2000	Antiparasitic Agents
008787A	France	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009031A	France	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	France	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	France	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	France	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	France	06C0039	11/24/2006	06C0039	4/27/2007	Cyclic Ether Cephalosporins
9170	France	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	France	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	France	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	France	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	France	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	France	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	France	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	France	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	France	10C0035	8/24/2010	10C0035	6/22/2012	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	France	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	France	03775738.2	12/8/2003	1581184	8/24/2011	Veterinary Compositions For Treating Mastitis
026082A	France	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
033876A	France	10703519.8	2/2/2010			High Dosage Doramectin Formulation



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007988A	Germany	12 2006 000 066.6	12/8/2006	1220060000666	9/5/2007	Quinuclidine Derivatives
8385	Germany	EPO677054	1/12/1994	69409360.2	4/1/1998	Antiparasitic Agents
8385	Germany	10075003.6	1/27/2000	69409360	2/14/2000	Antiparasitic Agents
008787A	Germany	96935251.7	11/13/1996	69618987.9	1/30/2002	Injectable Quinolone Formulations
009031A	Germany	92925307.8	11/13/1992	69232969.2	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	Germany	93909199.7	3/30/1993	69333402.9	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Germany	94912333.5	3/29/1994	69432665.8	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Germany	EP0680482	1/19/1994	P69402412.0	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Germany	12 2006 000 065.8	11/23/2006	122006000065.8	2/28/2007	Cyclic Ether Cephalosporins
9170	Germany	95918720.4	6/7/1995	69520509.9	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Germany	95918719.6	6/7/1995	69521533.7-08	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	Germany	PCT/EP98/04931	7/23/1998	69813830.9-08	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Germany	99972494.1	10/20/1999	69923583.9-08	2/2/2005	Antiparasitic Formulations
010305A	Germany	99954291.3	11/22/1999	69918165.8	6/16/2004	Antiparasitic Formulations
010433A	Germany	EP1157094	2/25/2000	60036460.7-08	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Germany	000955970.9	9/1/2000	60039176.0-08	8/11/2008	Sampling System
22141	Germany	98931835.7	7/9/1998	69841521.3-08	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Germany	122010000033.5	8/17/2010			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Germany	99968288.3	12/24/1999	69939706.5	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Germany	03775738.2	12/8/2003	60338196.0	8/24/2011	Veterinary Compositions For Treating Mastitis
026082A	Germany	04801410.4	12/15/2004	602004017782.2	11/12/2008	New Fluorinated Arylpyrazoles
033876A	Germany	10703519.8	2/2/2010			High Dosage Doramectin Formulation
007988A	Great Britain	SPC/GB07/008	1/19/2007	SPC/GB07/008	9/26/2007	Quinuclidine Derivatives
008787A	Great Britain	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009031A	Great Britain	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	Great Britain	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Great Britain	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Great Britain	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound

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009137A	Great Britain	SPC/GB06/039	11/24/2006	SPC/GB06/039	3/27/2007	Cyclic Ether Cephalosporins
9170	Great Britain	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Great Britain	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
010433A	Great Britain	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Great Britain	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Great Britain	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Great Britain	SPC/GB10/033	7/6/2010	SPC/GB10/033	7/24/2012	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Great Britain	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Greece	20070800006	2/2/2007	8000235	9/14/2007	Quinuclidine Derivatives
8385	Greece	EP0677054	1/12/1994	3026710	4/1/1998	Antiparasitic Agents
8385	Greece	20000800001	1/19/2000	8000054	5/9/2001	Antiparasitic Agents
008787A	Greece	96935251.7	11/13/1996	3038138	1/30/2002	Injectable Quinolone Formulations
009035C	Greece	93909199.7	3/30/1993	3048010	2/27/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Greece	0692974	3/29/1994	3045417	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Greece	EPO680482	1/19/1994	3023195	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Greece	20060800030	11/28/2006	8000226	5/31/2007	Cyclic Ether Cephalosporins
009452A	Greece	PCT/EP98/04931	7/23/1998	3043683	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Greece	99972494.1	10/20/1999	3052632	2/2/2005	Antiparasitic Formulations
010305A	Greece	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
019794A	Greece	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Greece	98931835.7	7/9/1998	3071739	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Greece	20100800022	7/20/2010	8000348	2/22/2011	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Greece	99968288.3	12/24/1999	3067741	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Greece	04801410.4	12/15/2004	3067480	11/12/2008	New Fluorinated Arylpyrazoles
009452A	Hong Kong	01101581.2	3/5/2001	1030610B	4/29/2005	Improved Process For Antiparasitic Agent
009452A	Hong Kong	05100810.3	8/29/2007	HK1068634	10/18/2007	Improved Process For Antiparasitic Agent
009461A	Hong Kong	02102583.7	4/8/2002	HK 1040593	10/8/2004	Antiparasitic Formulations



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019749A	Hong Kong	10110253.9	11/2/2010			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	Hong Kong	11111795.1	11/2/2011			Novel Adjuvant Compositions
033701A	Hong Kong	12100393.9	1/13/2012			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Hong Kong	10112029.8	12/23/2010			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	Hong Kong	11108723.4	8/18/2011			Substituted Imidazole Combinations
033857A	Hong Kong	12102051.8	2/29/2012			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Hong Kong	12101546.3	2/16/2012			High Dosage Doramectin Formulation
033997A	Hong Kong	0				Topical Antiparasitic Formulations
071647A	Hong Kong	PCT/IB2011/050625	2/15/2011			Veterinary Compositions
007988A	Hungary	S0700001	2/21/2007	S000081	12/3/2009	Quinuclidine Derivatives
8385	Hungary	P9400131	1/17/1994	221505	8/2/2002	Antiparasitic Agents
8385	Hungary	S0400031	10/13/2004			Antiparasitic Agents
008787A	Hungary	P9903726	11/13/1996			Injectable Quinolone Formulations
009452A	Hungary	P0003399	7/23/1998			Improved Process For Antiparasitic Agent
009461A	Hungary	P0104235	10/20/1999			Antiparasitic Formulations
007988A	Iceland	0001/07	3/8/2007	0003/08 (SPC28)	4/15/2008	Quinuclidine Derivatives
008787A	India	2854/DEL/1996	12/18/1996	212535	12/4/2007	Injectable Quinolone Formulations
9170	India	1236/DEL/96	6/6/1996			In Ovo Vaccination Against Coccidiosis
019749A	India	1685/DELNP/2010	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	India	8324/DELNP/2010	6/24/2009			Novel Adjuvant Compositions
033709A	India	3895/DELNP/2010	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	India	4079/DELNP/2011	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	India	5710/DELNP/2011	2/2/2010			High Dosage Doramectin Formulation
8385	Indonesia	P940075	1/17/1994	ID0002588	3/30/1998	Antiparasitic Agents
007988A	Ireland	2007/004	1/25/2007	2007/004	12/14/2007	Quinuclidine Derivatives
8385	Ireland	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Ireland	2000/001	1/18/2000	1/2000	10/16/2003	Antiparasitic Agents
008787A	Ireland	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations

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009031A	Ireland	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	Ireland	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Ireland	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Ireland	EPO680482	1/19/1994	0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Ireland	2006/034	11/20/2006	2006/034	5/28/2007	Cyclic Ether Cephalosporins
009452A	Ireland	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Ireland	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Ireland	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	Ireland	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Ireland	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Ireland	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Ireland	2010/023	7/16/2010	2010/023	10/1/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Ireland	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Ireland	03775738.2	12/8/2003	1581184	8/24/2011	Veterinary Compositions For Treating Mastitis
026082A	Ireland	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
007988A	Israel	524647	7/22/2010	102008	8/31/2011	Quinuclidine Derivatives
8385	Israel	108306	1/10/1994	108306	11/17/1999	Antiparasitic Agents
009452A	Israel	133628	7/23/1998	133628	7/11/2006	Improved Process For Antiparasitic Agent
009452A	Israel	156463	6/16/2003	156463	4/1/2007	Improved Process For Antiparasitic Agent
009452A	Israel	156464	6/16/2003	156464	9/21/2004	Improved Process For Antiparasitic Agent
010433A	Israel	144893	2/25/2000	144893	7/11/2006	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
007988A	Italy	16000	3/19/2007	CUB2000CCP967	5/30/2007	Quinuclidine Derivatives
8385	Italy	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Italy	825122	2/14/2000	C-UB2000CCP694	4/6/2000	Antiparasitic Agents
008787A	Italy	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009031A	Italy	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	Italy	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine



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009047A	Italy	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Italy	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Italy	72621	12/14/2006	C-UB2006CCP938	5/30/2007	Cyclic Ether Cephalosporins
9170	Italy	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Italy	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	Italy	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Italy	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Italy	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	Italy	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Italy	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Italy	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Italy	0000001172	7/23/2010	0000001172	9/30/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Italy	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Italy	03775738.2	12/8/2003	1581184	8/24/2011	Veterinary Compositions For Treating Mastitis
026082A	Italy	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
71780	Italy	M12011A001182	6/28/2011			Canine Coronavirus Vaccine
007988A	Japan	2011-700129	6/3/2011	2645225	6/6/2012	Quinuclidine Derivatives
007988A	Japan	2011-700130	6/3/2011	2645225	6/6/2012	Quinuclidine Derivatives
007988A	Japan	2011-700156	7/14/2011	2645225	6/6/2012	Quinuclidine Derivatives
007988A	Japan	2011-700157	7/14/2011	2645225	6/6/2012	Quinuclidine Derivatives
007988A	Japan	2011-700158	7/14/2011	2645225	6/6/2012	Quinuclidine Derivatives
8385	Japan	515697/94	1/12/1994	2732548	12/26/1997	Antiparasitic Agents
8385	Japan	2000-700090	4/10/2002	2732548	4/2/2003	Antiparasitic Agents
8385	Japan	2000-700091	4/10/2002	2732548	2/27/2003	Antiparasitic Agents
008787A	Japan	523447/1997	11/13/1996	3416145	4/4/2003	Injectable Quinolone Formulations
009031A	Japan	509495/93	11/13/1992	3043809	3/10/2000	Gram-Negative Bacterial Vaccines
009032A	Japan	509531/93	11/13/1992	3270473	1/18/2002	Pasteurella Multocida Toxoid Vaccines
009035C	Japan	517608/93	3/30/1993	2776982	5/1/1998	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009035C	Japan	2004-700049	8/6/2004	2776982	10/3/2012	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine

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009047A	Japan	522287/1994	3/29/1994	4129544	5/30/2008	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Japan	516654/94	1/19/1994	2809509	7/31/1998	Process For The Manufacture Of A Tricyclic Compound
009137A	Japan	2007-700082	8/13/2007	2851428	3/10/2008	Cyclic Ether Cephalosporins
009452A	Japan	511681/99	7/23/1998	3476476	9/26/2003	Improved Process For Antiparasitic Agent
009461A	Japan	2000-583347	10/20/1999	3507799	12/26/2003	Antiparasitic Formulations
010433A	Japan	2000-600682	2/25/2000	3689337	6/17/2005	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Japan	2010-526052	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019794A	Japan	2001-521774	9/1/2000	4071497	1/25/2008	Sampling System
22141	Japan	2000-501770	7/9/1998	5116916	10/26/2012	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Japan	2009-244560	10/23/2009			Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Japan	2012-195610	9/5/2012			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Japan	2000-593330	12/24/1999	4949555	3/16/2012	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
22142	Japan	2011-242133	11/4/2011			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	Japan	2010-527944	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
025930A	Japan	2007-503430	3/7/2005	4783358	7/15/2011	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
026082A	Japan	2006-544595	12/15/2004	4805164	8/19/2011	New Fluorinated Arylpyrazoles
033245A	Japan	2011-515706	6/24/2009			Novel Adjuvant Compositions
033256A	Japan	2010-529146	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	Japan	2008-169818	6/30/2008			Anthelmintic Combination
033701A	Japan	2011-523467	8/10/2009	4884570	12/16/2011	Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Japan	2010-538934	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Japan	2011-532091	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Japan	2012-175979	8/8/2012			Substituted Imidazole Combinations
033857A	Japan	2011-539129	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein



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033876A	Japan	2011-549707	2/2/2010			High Dosage Doramectin Formulation
033974A	Japan	2012-534181	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	Japan	2011-013786	1/26/2011			Topical Antiparasitic Formulations
034004A	Japan	2012-551997	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Japan	PCT/IB2011/051129	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Japan	2011-36219	2/22/2011			Veterinary Compositions
071867A	Japan	2012-230471	10/18/2012			Use of Aminoacetonitrile Derivatives Against EndoParasites
8385	Korea South	702924/1995	1/12/1994	185480	12/24/1998	Antiparasitic Agents
008787A	Korea South	98-704719	11/13/1996	402570	10/8/2003	Injectable Quinolone Formulations
009050A	Korea South	95-702906	1/19/1994	256461	2/22/2000	Process For The Manufacture Of A Tricyclic Compound
009452A	Korea South	10-2000-7001184	7/23/1998	10-336060	4/26/2002	Improved Process For Antiparasitic Agent
009461A	Korea South	10-2001-7006309	10/20/1999	458406	11/15/2004	Antiparasitic Formulations
010433A	Korea South	2001-7010897	2/25/2000	573613	4/18/2006	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Korea South	10-2010-7006046	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
22141	Korea South	10-2000-7000181	7/9/1998	10-0680631	2/2/2007	Immunogenic LHRH Compositions And Methods Relating Thereto
026082A	Korea South	2006-7012151	12/15/2004	815637	3/14/2008	New Fluorinated Arylpyrazoles
033245A	Korea South	2010-7029087	6/24/2009			Novel Adjuvant Compositions
033701A	Korea South	10-2011-7003834	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Korea South	2010-7013538	12/4/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Korea South	2011-7010922	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Korea South	2011-7003671	8/4/2009			Substituted Imidazole Combinations
033857A	Korea South	2011-7015168	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Korea South	2011-7021507	2/2/2010			High Dosage Doramectin Formulation
033997A	Korea South	2012-7022437	1/4/2011			Topical Antiparasitic Formulations
071647A	Korea South	2012-7024728	2/15/2011			Veterinary Compositions
8385	Kosovo	537	10/16/2008	072/2010	9/15/2010	Antiparasitic Agents

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033245A	Kosovo	426	6/26/2009			Novel Adjuvant Compositions
033701A	Kosovo	459	8/7/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Kosovo	515	12/2/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
071661A	Kosovo	KS/P/2011/49	5/19/2011			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Kosovo	KS/P/2011/75	7/20/2011			Parapoxvirus Vectors
071703A	Kosovo	KS/P/2011/79	8/5/2011			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Kosovo	KS/P/2012/41	7/11/2012			Interleukin-31 Monoclonal Antibody
071752A	Kosovo	KS/P/2012/27	4/27/2012			Novel Cephalosporins Useful as Antibacterial Agents
071769A	Kosovo	KS/P/2012/17	3/8/2012			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
007988A	Luxembourg	91293	12/6/2006	91293	6/2/2007	Quinuclidine Derivatives
8385	Luxembourg	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Luxembourg	90518	2/9/2000	90518	4/10/2000	Antiparasitic Agents
008787A	Luxembourg	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Luxembourg	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Luxembourg	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Luxembourg	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Luxembourg	91 290	11/22/2006	91 290	1/22/2007	Cyclic Ether Cephalosporins
009452A	Luxembourg	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Luxembourg	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Luxembourg	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
22141	Luxembourg	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Luxembourg	91 711	7/28/2010	91711	9/28/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Luxembourg	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Luxembourg	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
8385	Malaysia	PI94000081	1/12/1994	MY-141106-A	3/15/2010	Antiparasitic Agents
025672A	Malaysia	PI20034900	12/19/2003	MY-142767-A	12/31/2010	Veterinary Compositions For Treating Mastitis
007988A	Mexico	9202554	5/29/1992			Quinuclidine Derivatives
8385	Mexico	940492	1/17/1994	196706	5/31/2000	Antiparasitic Agents



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008639A	Mexico	972350	8/24/1995	199479	11/10/2000	2,7-substituted-octahydro-1h-pyrido(1,2-a)pyrazine Derivatives As Ligands For Serotonin Receptors
008787A	Mexico	PA/a/1998/005026	11/13/1996	209937	8/26/2002	Injectable Quinolone Formulations
009035C	Mexico	931736	3/26/1993	192018	5/14/1999	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
9041	Mexico	933506	6/11/1993	188441	3/27/1998	Stabilized Somatotropin For Parenteral Administration Growth Promoting Complex""
009050A	Mexico	940629	1/21/1994	189673	8/19/1998	Process For The Manufacture Of A Tricyclic Compound
009050A	Mexico	PA/A/1998/00414 2	5/25/1998	229406	7/25/2005	Process For The Manufacture Of A Tricyclic Compound
9170	Mexico	979868	6/7/1995	214389	5/23/2003	In Ovo Vaccination Against Coccidiosis
9215	Mexico	979870	6/7/1995	214390	5/23/2003	In Ovo Vaccination Against Coccidiosis
009452A	Mexico	PA/A/2000/00131 5	7/23/1998	218087	12/11/2003	Improved Process For Antiparasitic Agent
009461A	Mexico	PA/A/2001/00504 5	10/20/1999	228836	7/1/2005	Antiparasitic Formulations
009461A	Mexico	2005/003923	4/13/2005	261171	10/8/2008	Antiparasitic Formulations
010433A	Mexico	2001008695	2/25/2000	240298	9/14/2006	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019749A	Mexico	MX/a/2010/00308 0	9/22/2008	298174	4/13/2012	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022261A	Mexico	MX/A/2010/00361 0	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
033245A	Mexico	MX/a/2010/01402 6	6/24/2009			Novel Adjuvant Compositions
033256A	Mexico	MX/A/2010/00387 9	10/14/2008			Methods Of Culturing Lawsonia Intracellularis
033634A	Mexico	MX/A/2010/00011 5	6/16/2008			Anthelmintic Combination
033701A	Mexico	MX/a/2011/00190 4	8/10/2009	301822	7/30/2012	Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Mexico	MX/A/2010/00685 1	12/4/2008	296928	3/9/2012	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Mexico	MX/A/2011/00405 3	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033814A	Mexico	MX/A/2011/00183 0	8/4/2009			Substituted Imidazole Combinations
033857A	Mexico	MX/A/2011/00582 0	11/23/2009			Bovine Viral Diarrhea Virus, with a Modified ERNS Protein
033876A	Mexico	MX/A/2011/00861 4	2/2/2010			High Dosage Doramectin Formulation
033974A	Mexico	MX/A/2012/00444 8	4/16/2010			Infectious Clones of Torque Teno Virus

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033997A	Mexico	MX/A/2012/00879 9	1/4/2011			Topical Antiparasitic Formulations
034004A	Mexico	MX/A/2012/00907 4	1/24/2011			Pyrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors
071645A	Mexico	MX/A/2012/01154 9	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	Mexico	MX/A/2012/00979 8	2/15/2011			Veterinary Compositions
8385	Montenegro	P18/94	11/18/2008	49169	9/1/2009	Antiparasitic Agents
033245A	Montenegro	P-2010/194	6/24/2009			Novel Adjuvant Compositions
033701A	Montenegro	P-2011/22	8/10/2009			Pyrolo [2,3-D] Pyrimidine Compounds
033857A	Montenegro	P-2011/97	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
8385	Morocco	23397	1/17/1994	23091	10/1/1994	Antiparasitic Agents
007988A	Netherlands	300250	12/6/2006			Quinuclidine Derivatives
8385	Netherlands	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Netherlands	300003	2/1/2000	300003	6/9/2000	Antiparasitic Agents
008787A	Netherlands	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Netherlands	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Netherlands	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Netherlands	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Netherlands	300249	11/27/2006	300249	12/13/2006	Cyclic Ether Cephalosporins
9170	Netherlands	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Netherlands	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	Netherlands	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Netherlands	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Netherlands	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	Netherlands	00908787.5	2/25/2000	EP1157094	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Netherlands	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Netherlands	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Netherlands	300457	7/22/2010	300457	10/6/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Netherlands	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto



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026082A	Netherlands	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
8385	New Zealand	259868	1/12/1994	259868	5/30/1997	Antiparasitic Agents
008411A	New Zealand	263615	4/26/1994	263615	12/12/1997	Method For Precipitating Natural Avermectins
008411A	New Zealand	328209	6/30/1997	328209	12/10/1997	Method For Precipitating Natural Avermectins
8502	New Zealand	260674	6/3/1994	260674	11/9/2000	Pharmaceutical Agents For Treatment Of Emesis
008787A	New Zealand	320545	11/13/1996	320545	7/6/2000	Injectable Quinolone Formulations
008787A	New Zealand	501160	11/17/1999	501160	10/21/2001	Injectable Quinolone Formulations
9041	New Zealand	253914	6/11/1993	253914	4/14/1998	Stabilized Somatotropin For Parenteral Administration Growth Promoting Complex""
009050A	New Zealand	261106	1/19/1994	261106	10/24/1997	Process For The Manufacture Of A Tricyclic Compound
009424A	New Zealand	335611	11/25/1997	335611	5/10/2001	Parasitocidal Pyrazoles
009461A	New Zealand	510678	10/20/1999	510678	2/24/2005	Antiparasitic Formulations
009461A	New Zealand	537110	12/9/2004	537110	10/5/2006	Antiparasitic Formulations
019794A	New Zealand	516589	9/1/2000	516589	12/9/2002	Sampling System
22141	New Zealand	502080	7/9/1998	502080	1/10/2002	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	New Zealand	512011	12/24/1999	512011	3/31/2003	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	New Zealand	601129	7/6/2012			Genetic Markers for Horned and Polled Cattle and Related Methods
025672A	New Zealand	541269	12/8/2003			Veterinary Compositions For Treating Mastitis
026082A	New Zealand	547565	12/15/2004	547565	11/12/2009	New Fluorinated Arylpyrazoles
033245A	New Zealand	589079	6/24/2009			Novel Adjuvant Compositions
033245A	New Zealand	602945	10/11/2012			Novel Adjuvant Compositions
033634A	New Zealand	581859	6/16/2008	581859	10/8/2012	Anthelmintic Combination
033701A	New Zealand	590926	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	New Zealand	585877	12/4/2008	585877	10/8/2012	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	New Zealand	590544	8/4/2009	590544	3/5/2012	Substituted Imidazole Combinations
033857A	New Zealand	592979	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS' Protein
033876A	New Zealand	594389	2/2/2010			High Dosage Doramectin Formulation
033997A	New Zealand	601019	1/4/2011			Topical Antiparasitic Formulations

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071647A	New Zealand	601450	2/15/2011			Veterinary Compositions
025672A	Nigeria	486/2003	12/18/2003	RP 15753	1/31/2004	Veterinary Compositions For Treating Mastitis
007988A	Norway	2007 003	9/3/2007	2007003	4/6/2011	Quinuclidine Derivatives
8385	Norway	952832	1/12/1994	304835	2/22/1999	Antiparasitic Agents
8385	Norway	2001010	6/11/2001	SPC/Co2001010	10/6/2006	Antiparasitic Agents
008787A	Norway	982842	11/13/1996	315734	10/20/2003	Injectable Quinolone Formulations
009424A	Norway	1999 2732	11/25/1997	313518	10/14/2002	Parasitocidal Pyrazoles
026082A	Norway	20062549	12/15/2004			New Fluorinated Arylpyrazoles
033979A	Patent Cooperation Treaty	PCT/IB2011/0550 03	11/9/2011			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
071645A	Patent Cooperation Treaty	PCT/IB2011/0511 29	3/17/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071661A	Patent Cooperation Treaty	PCT/IB2011/0518 47	4/27/2011			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Patent Cooperation Treaty	PCT/IB2011/0531 98	7/18/2011			Parapoxvirus Vectors
071703A	Patent Cooperation Treaty	PCT/IB2011/0533 55	7/27/2011			Isoxazoline Derivatives as Antiparasitic Agents
071708A	Patent Cooperation Treaty	PCT/IB2012/0505 12	2/3/2012			Immunogenic Bordetella Bronchiseptica Compositions
071713A	Patent Cooperation Treaty	PCT/IB2011/0539 29	9/8/2011			Isoxazoline Oximes as Antiparasitic Agents
071715A	Patent Cooperation Treaty	PCT/IB2012/0526 28	5/24/2012			Infectious Clones Of Torque Teno Virus
071750A	Patent Cooperation Treaty	PCT/IB2012/0534 50	7/5/2012			Interleukin-31 Monoclonal Antibody
071752A	Patent Cooperation Treaty	PCT/IB2012/0519 73	4/19/2012			Novel Cephalosporins Useful as Antibacterial Agents
071753A	Patent Cooperation Treaty	PCT/IB2012/0510 86	3/8/2012			Isoxazoline Derivatives as Antiparasitic Agents
071766A	Patent Cooperation Treaty	PCT/IB2012/0540 92	8/10/2012			Improved Vaccine Diagnostics
071769A	Patent Cooperation Treaty	PCT/IB2012/0508 42	2/23/2012			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
071780A	Patent Cooperation Treaty	PCT/EP2012/0623 47	6/26/2012			Canine Coronavirus Vaccine
071794A	Patent Cooperation Treaty	PCT/IB2012/0505 10	2/3/2012			Compositions for Canine Respiratory Disease Complex

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071804A ⁶	Patent Cooperation Treaty	PCT/US2012/037839	5/14/2012			Hendra And Nipah Virus G Glycoprotein Immunogenic Compositions
007988A	Philippines	44396	5/21/1992	1-1992-4396	5/16/2001	Quinuclidine Derivatives
026082A	Philippines	1-2006-501165	12/15/2004	1-2006-501165	11/5/2009	New Fluorinated Arylpyrazoles
033245A	Philippines	1-2010-502661	6/24/2009			Novel Adjuvant Compositions
033701A	Philippines	1-2011-500298	8/10/2009			Pyrolo [2,3-D] Pyrimidine Compounds
033857A	Philippines	1-2011-501054	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
007988A	Poland	91/171379	3/26/2007	171379	1/27/2009	Quinuclidine Derivatives
8385	Poland	P309916	1/12/1994	176733	1/14/1999	Antiparasitic Agents
008787A	Poland	P328001	11/13/1996	186795	7/8/2003	Injectable Quinolone Formulations
9170	Poland	P314639	6/5/1996	184002	8/30/2002	In Ovo Vaccination Against Coccidiosis
9215	Poland	P314640	6/5/1996	184024	2/11/2002	In Ovo Vaccination Against Coccidiosis
009452A	Poland	P 338557	7/23/1998	191259	8/9/2005	Improved Process For Antiparasitic Agent
009461A	Poland	P 348638	10/20/1999	204763	8/19/2009	Antiparasitic Formulations
22141	Poland	P338037	7/9/1998	200495	5/27/2008	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Poland	148/200495	11/10/2009			Immunogenic LHRH Compositions And Methods Relating Thereto
007988A	Portugal	100546	5/29/1992	100546	9/29/1999	Quinuclidine Derivatives
007988A	Portugal	245	12/12/2006	245	1/11/2007	Quinuclidine Derivatives
8385	Portugal	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Portugal	64	2/9/2000	64	8/24/2000	Antiparasitic Agents
008787A	Portugal	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Portugal	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Portugal	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Portugal	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
9170	Portugal	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Portugal	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	Portugal	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Portugal	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations

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

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010305A	Portugal	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
019794A	Portugal	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Portugal	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Portugal	416B	7/28/2010	416	3/10/2011	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Portugal	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
007988A	Romania	C/024	4/24/2007	c/024	4/29/2009	Quinuclidine Derivatives
008787A	Romania	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009461A	Romania	99972494.1	10/20/1999	RO/EP1130966T3	2/2/2005	Antiparasitic Formulations
007988A	Russian Federation	2103269	10/17/2008	2103269	12/20/2008	Quinuclidine Derivatives
8385	Russian Federation	95117100.04	1/12/1994	2125059	1/20/1999	Antiparasitic Agents
008787A	Russian Federation	98111831	11/13/1996	2141827	11/27/1999	Injectable Quinolone Formulations
9215	Russian Federation	96111009	6/6/1996	2126267	2/20/1999	In Ovo Vaccination Against Coccidiosis
009452A	Russian Federation	199901056	7/23/1998	002103	12/24/2001	Improved Process For Antiparasitic Agent
019749A	Russian Federation	2010109348	9/22/2008	2436295	12/20/2011	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
033245A	Russian Federation	2010149495	6/24/2009			Novel Adjuvant Compositions
033701A	Russian Federation	2011106331	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	Russian Federation	2010125210	12/4/2008	2440137	1/20/2012	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033798A	Russian Federation	2011113442	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033857A	Russian Federation	2011121044	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
006977C	Serbia	P1617/86	9/17/1986			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Serbia	P18/94	1/17/1994	49169	2/13/2004	Antiparasitic Agents
009452A	Singapore	9906454-5	7/23/1998	69925	3/28/2002	Improved Process For Antiparasitic Agent
019749A	Singapore	201001353-0	9/22/2008	159656	8/31/2012	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
007988A	Slovak Republic	PDO0005-2006	12/22/2006	DO 47	12/9/2007	Quinuclidine Derivatives
8385	Slovak Republic	PV 0895-95	1/12/1994	282031	7/6/2001	Antiparasitic Agents
008787A	Slovak Republic	PV 0807-98S	11/13/1996	284 412	1/19/2005	Injectable Quinolone Formulations



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009452A	Slovak Republic	PV0137-2000S	7/23/1998	283 899	2/9/2004	Improved Process For Antiparasitic Agent
009461A	Slovak Republic	PV 0662-2001S	10/20/1999	287540	11/11/2010	Antiparasitic Formulations
8385	Slovenia	P9400118	3/9/1994	9400118	12/11/1995	Antiparasitic Agents
8385	Slovenia	C-200140001	10/15/2004	C-200140001	10/6/2005	Antiparasitic Agents
008787A	Slovenia	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009461A	Slovenia	99972494.1	10/20/1999	P-9930759	2/2/2005	Antiparasitic Formulations
8385	South Africa	94/0310	1/17/1994	94/0310	9/27/1995	Antiparasitic Agents
008787A	South Africa	96/10780	12/20/1996	96/10780	8/26/1998	Injectable Quinolone Formulations
009050A ⁷	South Africa	94/0433	1/21/1994	94/0433	9/27/1995	Process For The Manufacture Of A Tricyclic Compound
9215	South Africa	96/4724	6/6/1996	96/4724	2/25/1998	In Ovo Vaccination Against Coccidiosis
009452A	South Africa	986970	8/4/1998	98/6970	3/29/2000	Improved Process For Antiparasitic Agent
009461A	South Africa	99/7174	11/18/1999	99/7174	6/27/2001	Antiparasitic Formulations
22141	South Africa	98/6074	7/9/1998	98/6074	5/26/1999	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	South Africa	2001/5543	12/24/1999			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	South Africa	2006/04715	12/15/2004	2006/04715	3/28/2007	New Fluorinated Arylpyrazoles
033245A	South Africa	2010/07835	6/24/2009	2010/07835	1/25/2012	Novel Adjuvant Compositions
033634A	South Africa	2010/00672	6/16/2008	2010/00672	10/27/2010	Anthelmintic Combination
033701A	South Africa	2011/01701	8/10/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033709A	South Africa	2010/05178	12/4/2008	2010/05178	3/30/2011	Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033814A	South Africa	2011/02049	8/4/2009	2011/02049	11/30/2011	Substituted Imidazole Combinations
033857A	South Africa	2011/04508	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	South Africa	2011/05310	2/2/2010			High Dosage Doramectin Formulation
033997A	South Africa	2012/06465	1/4/2011			Topical Antiparasitic Formulations
071647A	South Africa	2012/06259	2/15/2011			Veterinary Compositions
007988A	Spain	0200700014	2/27/2007	0200700014	7/28/2008	Quinuclidine Derivatives
8385	Spain	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Spain	200000008	3/10/2000	200000008	8/1/2003	Antiparasitic Agents
008787A	Spain	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations

⁷ S.A. Vetoquinol is a joint owner of this patent.

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009031A	Spain	92925307.8	11/13/1992	EP0669971	3/19/2003	Gram-Negative Bacterial Vaccines
009035C	Spain	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Spain	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Spain	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Spain	0200600039	12/15/2006	200600039	7/24/2008	Cyclic Ether Cephalosporins
9170	Spain	95918720.4	6/7/1995	EP0831897	3/28/2001	In Ovo Vaccination Against Coccidiosis
9215	Spain	95918719.6	6/7/1995	EP0831896	6/27/2001	In Ovo Vaccination Against Coccidiosis
009452A	Spain	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Spain	99972494.1	10/20/1999	2237213	2/2/2005	Antiparasitic Formulations
010305A	Spain	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
010433A	Spain	00908787.5	2/25/2000	ES2290015T3	9/19/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
019794A	Spain	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Spain	98931835.7	7/9/1998	2339308	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Spain	0201000028CC	7/28/2010	0201000028CC	5/3/2011	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Spain	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
025672A	Spain	03775738.2	12/8/2003	2369769	8/24/2011	Veterinary Compositions For Treating Mastitis
026082A	Spain	04801410.4	12/15/2004	2315724	11/12/2008	New Fluorinated Arylpyrazoles
007988A	Sweden	0790027-7	3/27/2007	0790027-7	3/18/2008	Quinuclidine Derivatives
8385	Sweden	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Sweden	0090006	3/3/2000	0090006	12/11/2000	Antiparasitic Agents
008787A	Sweden	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Sweden	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -1 Bacterin-Toxoid Vaccine
009047A	Sweden	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Sweden	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Sweden	0690032-8	12/14/2006	0690032-8	2/5/2008	Cyclic Ether Cephalosporins
009452A	Sweden	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Sweden	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Sweden	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations

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019794A	Sweden	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Sweden	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Sweden	1090029-8	7/5/2010	1090029-8	9/25/2012	Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Sweden	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Sweden	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
007988A	Switzerland	C00587723/01	4/24/2008	C00587723/01	7/31/2009	Quinuclidine Derivatives
8385	Switzerland	94905061.1	1/12/1994	EP0677054	4/1/1998	Antiparasitic Agents
8385	Switzerland	C00677054/01	2/12/2001	C0677054/01	9/30/2002	Antiparasitic Agents
008787A	Switzerland	96935251.7	11/13/1996	EP0868183	1/30/2002	Injectable Quinolone Formulations
009035C	Switzerland	93909199.7	3/30/1993	0636030	1/28/2004	Pasteurella Haemolytica Type A -I Bacterin-Toxoid Vaccine
009047A	Switzerland	94912333.5	3/29/1994	EP0692974	5/14/2003	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	Switzerland	94905666.7	1/19/1994	EP0680482	4/2/1997	Process For The Manufacture Of A Tricyclic Compound
009137A	Switzerland	C00540609/01	2/29/2008	C00540609/01	7/31/2009	Cyclic Ether Cephalosporins
009452A	Switzerland	PCT/EP98/04931	7/23/1998	EP1003764	4/23/2003	Improved Process For Antiparasitic Agent
009461A	Switzerland	99972494.1	10/20/1999	1130966	2/2/2005	Antiparasitic Formulations
010305A	Switzerland	99954291.3	11/22/1999	1140068	6/16/2004	Antiparasitic Formulations
019794A	Switzerland	000955970.9	9/1/2000	EP1210459	8/11/2008	Sampling System
22141	Switzerland	98931835.7	7/9/1998	1007084	2/24/2010	Immunogenic LHRH Compositions And Methods Relating Thereto
22141	Switzerland	C01007084/01	7/16/2010			Immunogenic LHRH Compositions And Methods Relating Thereto
22142	Switzerland	99968288.3	12/24/1999	1140165	10/8/2008	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
026082A	Switzerland	04801410.4	12/15/2004	1705989	11/12/2008	New Fluorinated Arylpyrazoles
8385	Taiwan	83100082	1/6/1994	099080	4/17/1999	Antiparasitic Agents
008787A	Taiwan	85114021	11/15/1996	139317	12/19/2001	Injectable Quinolone Formulations
009050A	Taiwan	83106088	7/4/1994	NI-075282	4/10/1996	Process For The Manufacture Of A Tricyclic Compound
019749A	Taiwan	97136325	9/22/2008			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
22141	Taiwan	87111118	7/9/1998	I235666	7/11/2005	Immunogenic LHRH Compositions And Methods Relating Thereto

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22142	Taiwan	88123010	12/27/1999	179413	5/23/2003	Improved Saponin Adjuvant Compositions And Methods Relating Thereto
033245A	Taiwan	98121642	6/26/2009			Novel Adjuvant Compositions
033634A	Taiwan	097124413	6/27/2008	1352592	11/21/2011	Anthelmintic Combination
033709A	Taiwan	097149908	12/19/2008			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
033857A	Taiwan	098141210	12/2/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
33979	Taiwan	100140986	11/9/2011			North American Porcine Reproductive and Respiratory Syndrome (PRRS) Virus And Uses Thereof
071752A	Taiwan	101115372	4/30/2012			Novel Cephalosporins Useful as Antibacterial Agents
006977C	Thailand	4819	9/17/1986			Substituted Bridged Diazabicycloalkyl Quinolone Carboxylic Acids
8385	Thailand	021251	1/14/1994	9561	5/3/2000	Antiparasitic Agents
033245A	Thailand	0901002902	6/26/2009			Novel Adjuvant Compositions
033857A	Thailand	0901005385	12/1/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
8385	Ukraine	95073243	1/12/1994	42707	11/15/2001	Antiparasitic Agents
033245A	Ukraine	A201013068	6/24/2009			Novel Adjuvant Compositions
033857A	Ukraine	a201106460	11/23/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
007123J	United States	08/323198	10/14/1994	5576199	11/19/1996	Process For Production Of Avermectins And Cultures Therefor
007123K	United States	08/323163	10/14/1994	5583015	12/10/1996	Process For Production Of Avermectins And Cultures Therefor
007469A	United States	07/879083	5/1/1992	6001822	12/14/1999	Avermectin Oil Formulation
007617E	United States	08/300776	9/6/1994	5475117	12/12/1995	Process For Optically Active Bicyclo Intermediates For Antibacterial Quinolones
007988A	United States	08/211120	4/28/1992	5807867	9/15/1998	Quinuclidine Derivatives
007988D	United States	08/377552	1/24/1995	6222038	4/24/2001	Quinuclidine Derivatives
007988D	United States	08/377552	1/24/1995	6222038	4/24/2001	Quinuclidine Derivatives
008385A	United States	08/853686	5/9/1997	5981500	11/9/1999	Antiparasitic Agents
8502	United States	08/072629	6/4/1993	5393762	2/28/1995	Pharmaceutical Agents For Treatment Of Emesis
008613A	United States	08/669555	1/11/1995	5801023	9/1/1998	Antiparasitic Pyrrolbenzoxazine Compounds

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008639A	United States	08/809145	8/24/1995	5852031	12/22/1998	2,7-substituted-octahydro-1h-pyrido(1,2-a)pyrazine Derivatives As Ligands For Serotonin Receptors
008787A	United States	08/769809	12/19/1996	5811130	9/22/1998	Injectable Quinolone Formulations
008991E	United States	08/280405	7/26/1994	5667785	9/16/1997	Vaccine For Protection Of Cats Against Feline Infectious Peritonitis
008997C	United States	08/439714	5/12/1995	5536496	7/16/1996	Pasteurella Multocida Toxoid Vaccines
009024B	United States	08/214653	3/16/1994	5643902	7/1/1997	Veterinary Compositions For Treating Farrowing Fever In Pigs
009031A	United States	08/240649	11/13/1992	5616328	4/1/1997	Gram-Negative Bacterial Vaccines
009032A	United States	08/244052	11/13/1992	5695769	12/9/1997	Pasteurella Multocida Toxoid Vaccines
009047B	United States	08/536970	3/29/1995	6083512	7/4/2000	Multicomponent Clostridial Vaccines Using Saponin Adjuvants
009050A	United States	08/492039	1/19/1994	5892040	4/6/1999	Process For The Manufacture Of A Tricyclic Compound
009137C	United States	08/958864	10/20/1997	6020329	2/1/2000	Cyclic Ether Cephalosporins
9170	United States	08/973133	6/7/1995	6500438	12/31/2002	In Ovo Vaccination Against Coccidiosis
9170	United States	10/094436	3/8/2002	7018640	3/28/2006	In Ovo Vaccination Against Coccidiosis
9215	United States	08/973151	6/7/1995	6495146	12/17/2002	In Ovo Vaccination Against Coccidiosis
009215A	United States	10/094087	3/8/2002	6627205	9/30/2003	In Ovo Vaccination Against Coccidiosis
009441A	United States	09/235957	1/22/1999	6090394	7/18/2000	Parasitocidal Pyrazoles
009441B	United States	09/346161	7/1/1999	6019986	2/1/2000	Parasitocidal Pyrazoles
009452A	United States	10/203869	7/23/1998	6906184	6/14/2005	Improved Process For Antiparasitic Agent
009461B	United States	09/978936	10/16/2001	6797701	9/28/2004	Antiparasitic Formulations
009576A	United States	09/424104	5/29/1998	6420536	7/16/2002	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576A	United States	09/424104	5/29/1998	6420536	7/16/2002	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576C	United States	10/273879	10/18/2002	6777393	8/17/2004	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
009576D	United States	10/810922	3/26/2004	6936592	8/30/2005	4-substituted-9-deoxo-9a-aza-9a-homoerythromycin A Derivatives"
10177	United States	08/913430	3/15/1996	7074894	7/11/2006	Antigen Composition Against Mycoplasma
010216A	United States	09/566307	5/8/2000	6255320	7/3/2001	Polymorphs Of A Crystalline Azobicyclo (2.2.2) Octan-3-amine Citrate And Their Pharmaceutical Compos

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
010216A	United States	09/566307	5/8/2000	6255320	7/3/2001	Polymorphs Of A Crystalline Azobicyclo (2.2.2) Octan-3-amine Citrate And Their Pharmaceutical Compos
010278A	United States	09/470661	12/22/1999	6500662	12/31/2002	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278B	United States	10/127391	4/22/2002	7232680	6/19/2007	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278C	United States	10/241332	9/11/2002	7132106	11/7/2006	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278D	United States	11/366851	3/1/2006	7691389	4/6/2010	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278E	United States	11/586328	10/25/2006	7618797	11/17/2009	An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278F	United States	12/607358	10/28/2009			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278G	United States	12/608305	10/29/2009			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278H	United States	12/619880	11/17/2009			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010278I	United States	12/615504	11/10/2009			An Infectious CDNA Clone Of North American Porcine Reproductive And Respiratory Syndrome (PRRS) Viru
010298A	United States	09/489713	1/24/2000	6572861	6/3/2003	Adjuvants For Use In Vaccines
010298B	United States	10/388947	3/13/2003	6814971	11/9/2004	Adjuvants For Use In Vaccines
010298D	United States	10/389139	3/13/2003	6733754	5/11/2004	Adjuvants For Use In Vaccines
010298F	United States	10/953979	9/29/2004	7393535	7/1/2008	Adjuvants For Use In Vaccines
010299A	United States	09/489711	1/24/2000	7172762	2/6/2007	Erysipelothrix Rhusiopathiae Antigens And Vaccine Compositions



Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
010433A	United States	09/701760	2/25/2000	6984378	1/10/2006	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010433B	United States	11/248552	10/12/2005	7229615	6/12/2007	Method For The Purification Recovery And Sporulation Of Cysts And Oocysts
010475A	United States	09/442530	11/18/1999	6329345	12/11/2001	13-membered Azalides And Their Use As Antibiotic Agents
010512A	United States	09/563792	5/2/2000	6583274	6/24/2003	Novel Crystalline Forms Of A Macrolide Antibiotic
010610A	United States	09/768708	1/24/2001	6514945	2/4/2003	Azalide Antibiotic Compositions
010610B	United States	10/194718	7/11/2002	6667393	12/23/2003	Azalide Antibiotic Compositions
010650A	United States	09/637040	8/10/2000	6632673	10/14/2003	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
010650C	United States	10/412450	6/11/2003	7858340	12/28/2010	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
010761A	United States	09/938700	8/24/2001	6887472	5/3/2005	Anti-IGE Vaccines
010761C	United States	11/196897	8/4/2005	7897151	3/1/2011	Anti-IGE Vaccines
010761D	United States	12/624566	11/24/2009	8273356	9/25/2012	Anti-IGE Vaccines
010761E	United States	13/591288	8/22/2012			Anti-IGE Vaccines
010849A	United States	10/133472	4/25/2002	6825327	11/30/2004	Process For Preparing 4-substituted-9-deoxo-9a-aza-9a-homocerythromycin-a Derivatives"
010862B	United States	10/776795	2/11/2004	7129350	10/31/2006	Coupling Process And Intermediates Useful For Preparing Cephalosporins
010947A	United States	09/918152	7/30/2001	6825344	11/30/2004	Novel Process
010947B	United States	10/994983	11/22/2004	7355040	4/8/2008	Novel Process
011807A	United States	10/177858	6/20/2002	6720351	4/13/2004	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807B	United States	10/639855	8/13/2003	6949572	9/27/2005	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807C	United States	10/639854	8/13/2003	6979692	12/27/2005	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011807D	United States	11/196563	8/2/2005	7482368	1/27/2009	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
011807E	United States	11/351571	2/10/2006	7348355	3/25/2008	Triamide-substituted Indoles, Benzofuranes And Benzothiophenes As Inhibitors Of Microsomal Triglycer
011858A	United States	10/174701	6/19/2002	6846477	1/25/2005	One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
011858A	United States	90/008751	6/29/2007	6846477C1	7/31/2012	One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
011858A	United States	13/411232	3/2/2012			One Dose Vaccination Of Pigs With Mycoplasma Hyopneumoniae
019664B	United States	10/301245	11/21/2002	6989238	1/24/2006	Method of Sorting Birds In Ovo
019749A	United States	12/235316	9/22/2008	8292340	10/23/2012	Method and Apparatus for Monitoring the Performance of Automated Egg Removal
019749B	United States	13/550845	7/17/2012			Method and Apparatus for Monitoring the Performance of Automated Egg Removal
022141B	United States	11/027683	1/3/2005	7534441	5/19/2009	Immunogenic LHRH Compositions And Methods Relating Thereto
022141B	United States	11/027683	1/3/2005			Immunogenic LHRH Compositions And Methods Relating Thereto
022141E	United States	13/167438	6/23/2011			Immunogenic LHRH Compositions And Methods Relating Thereto
022141F	United States	13/587249	8/16/2012			Immunogenic LHRH Compositions And Methods Relating Thereto
022142A	United States	09/857797	12/24/1999			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022142B	United States	13/420082	3/14/2012			Improved Saponin Adjuvant Compositions And Methods Relating Thereto
022261A	United States	12/681034	9/24/2008			Genetic Markers for Horned and Polled Cattle and Related Methods
023034A	United States	10/361376	2/10/2003	7388085	6/17/2008	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
023034B	United States	12/107949	4/23/2008	8008078	8/30/2011	Streptomyces Avermitilis Gene Directing The Ratio Of B2:B1 Avermectins
023064A	United States	10/292343	11/12/2002	7378408	5/27/2008	Formulations Of Cephalosporin
023106A	United States	10/292887	11/12/2002	7214677	5/8/2007	Benzamide, Heteroaryl amide And Reverse Amides
023106B	United States	11/253112	10/18/2005	7235549	6/26/2007	Benzamide, Heteroaryl amide And Reverse Amides
023152A	United States	10/292886	11/12/2002	6927219	8/9/2005	N-alkyl-adamantyl Triaziny Benzamide Derivatives
025246C	United States	12/820566	6/22/2010			Cattle Reproductive Disease Vaccines



Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
025328B	United States	12/650715	12/31/2009			Microfluidized Oil-in-water Emulsions And Vaccine Compositions
025353A	United States	10/578162	11/22/2004	8092808	1/10/2012	In Ovo Vaccination Of Campylobacter In Avian Species
025353B	United States	13/344007	1/5/2012			In Ovo Vaccination Of Campylobacter In Avian Species
025496B	United States	11/942843	11/20/2007	7736658	6/15/2010	Canine Vaccines Against Bordetella Bronchiseptica
25521	United States	10/419661	4/21/2003	7563449	7/21/2009	Methods For Preventing Cattle Reproductive Diseases
025521A	United States	11/724624	3/15/2007			Methods For Preventing Cattle Reproductive Diseases
025588A	United States	10/844251	5/12/2004	7186742	3/6/2007	Benzamides Inhibitors Of The P2X7 Receptor
025588B	United States	11/673246	2/9/2007	7553972	6/30/2009	Benzamides Inhibitors Of The P2X7 Receptor
025670A	United States	10/588070	1/17/2005	8183230	5/22/2012	Antimicrobial Preservatives To Achieve Multi-dose Formulation Using B-cyclodextrins For Liquid Dosage
025672B	United States	12/651732	1/4/2010			Veterinary Compositions For Treating Mastitis
025930A	United States	10/593133	3/7/2005	7687533	3/30/2010	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
025930B	United States	12/628691	12/1/2009	7803832	9/28/2010	Novel 1-phenyl-1h-pyrazol-4-yl-sulfonamides As Antiparasitic Agents
025951A	United States	10/893712	7/16/2004	7361357	4/22/2008	Safe Mutant Viral Vaccines
025951B	United States	12/098015	4/4/2008	7754222	7/13/2010	Safe Mutant Viral Vaccines
026082A	United States	11/013176	12/15/2004	7435753	10/14/2008	New Fluorinated Arylpyrazoles
026082B	United States	11/153103	6/15/2005	7514464	4/7/2009	New Fluorinated Arylpyrazoles
026082C	United States	12/364879	2/3/2009	7960426	6/14/2011	New Fluorinated Arylpyrazoles
026082D	United States	13/089423	4/19/2011	8084486	12/27/2011	New Fluorinated Arylpyrazoles
027946B	United States	13/367009	2/6/2012			Solid Salt Forms Of A Pyrrole Substituted 2-indolinone
032251A	United States	11/096831	4/1/2005	7122191	10/17/2006	Microfluidized Oil-In-Water Emulsions And Vaccine Compositions
032632A	United States	11/359334	2/22/2006	7544362	6/9/2009	N Protein Mutants Of Porcine Reproductive And Respiratory Syndrome Virus
032632B	United States	12/383937	3/30/2009	8128937	3/6/2012	N Protein Mutants Of Porcine Reproductive And Respiratory Syndrome Virus
032633A	United States	11/718828	11/2/2005	7879337	2/1/2011	Mutant Porcine Reproductive And Respiratory Syndrome Virus

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
032702A	United States	11/494825	7/28/2006	7790169	9/7/2010	Methods Of Vaccine Administration, New Feline Caliciviruses, And Treatments For Immunizing Animals A
	United States					
032702B	United States	12/824287	6/28/2010			Methods Of Vaccine Administration, New Feline Caliciviruses, And Treatments For Immunizing Animals A
	United States					
032861A	United States	11/453053	6/14/2006	7538134	5/26/2009	Substituted Arylpyrazoles For Use Against Parasites
032861C	United States	11/610879 (FF 33528)	12/14/2006	7645786	1/12/2010	Substituted Arylpyrazoles For Use Against Parasites
032861F	United States	12/407365	3/19/2009	7968584	6/28/2011	Substituted Arylpyrazoles For Use Against Parasites
033031B	United States	13/165877	6/22/2011			Marked Bovine Viral Diarrhea Virus Vaccines
033245A	United States	12/490767	6/24/2009			Novel Adjuvant Compositions
033250A		11/698335	1/26/2007			Novel Glycolipid Adjuvant Compositions
033251A	United States	11/851951	9/7/2007			Heat Treated Bacterins And Emulsion Vaccines Prepared From Such Heat Treated Bacterins.
033256A	United States	12/681690	10/24/2012			Methods Of Culturing Lawsonia Intracellularis
033517A	United States	12/521148	11/23/2007			Methods Of Vaccine Administration
033633A		12/682226	10/15/2008			Idarubicin For The Treatment Of Lymphoma In A Dog
033634A	United States	12/666143	6/16/2008			Anthelmintic Combination
033701A	United States	12/542451	8/17/2009	8133899	3/13/2012	Pyrrolo [2,3-D] Pyrimidine Compounds
033701B	United States	13/360963	1/30/2012			Pyrrolo [2,3-D] Pyrimidine Compounds
033709B	United States	12/775749	5/7/2010			Heat Treated Bacterins, and Emulsion Vaccines Prepared from Such Heat Treated Bacterins
	United States					
033798A	United States	12/733355	10/16/2009			Torque Teno Virus (TTV) Isolates & Compositions
033798B	United States	12/761568	4/16/2010			Torque Teno Virus (TTV) Isolates & Compositions
033814A	United States	12/491507	6/25/2009			Substituted Imidazole Combinations
033857A	United States	12/624473	11/24/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A		13/147600	2/2/2010			High Dosage Doramectin Formulation
033974A	United States	13/501371	4/16/2010			Infectious Clones of Torque Teno Virus
033997A	United States	13/522339	1/4/2011			Topical Antiparasitic Formulations
034004A		13/576685	1/24/2011			Pyrrolo[2,3-D]Pyrimidine Urea Compounds As JAK Inhibitors

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
035332A	United States	11/974583	10/15/2007	7802541	9/28/2010	Poultry Vaccination Apparatus And Method
071645A	United States	13/080721	4/6/2011			Substituted 3,5-Diphenyl-Isoxazoline Derivatives as Insecticides and Acaricides
071647A	United States	13/580156	2/15/2011			Veterinary Compositions
071661A	United States	13/111020	5/19/2011			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	United States	13/185561	7/19/2011			Parapoxvirus Vectors
071703A	United States	13/197826	8/4/2011			Isoxazoline Derivatives as Antiparasitic Agents
071713A	United States	13/233459	9/15/2011			Isoxazoline Oximes as Antiparasitic Agents
071750A	United States	13/536081	6/28/2012			Interleukin-31 Monoclonal Antibody
071752A	United States	13/459851	4/30/2012			Novel Cephalosporins Useful as Antibacterial Agents
071769A	United States	13/414764	3/8/2012			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
071780A	United States	0				Canine Coronavirus Vaccine
71867	United States	61/549027	10/19/2011			Use of Aminoacetonitrile Derivatives Against Endoparasites
71870	United States	61/547803	10/17/2011			Novel Phenicol Antibacterials
71881	United States	29/404956	10/27/2011	D670064	10/30/2012	Structural Arrangement For An In Ovo Injection Device
71882	United States	61/554631	11/2/2011			Indexing System for an In Ovo Injection Apparatus, and Associated Method
71891	United States	61/607280	3/6/2012			Phenicol Antibacterials
71894	United States	61/564060	11/28/2011			Methods Of Vaccinations Against Coccidiosis
71903	United States	61/635031	4/18/2012			Vaccines and Methods to Treat Lyme Disease in Dogs
71905	United States	61/582742	1/3/2012			A Method for Treating Lyme Disease
71907	United States	61/594614	2/3/2012			Process for the Preparation of Chiral Isoxazoline Azetidine Derivatives as Antiparasitic Agents
71911	United States	61/620165	4/4/2012			Mycoplasma Hyopneumoniae Vaccine
71912	United States	61/620175	4/4/2012			PCV/Mycoplasma Hyopneumoniae Combination Vaccine
71913	United States	61/620189	4/4/2012			PCV/Mycoplasma Hyopneumoniae/PRRS Combination Vaccine
71915	United States	61/594569	2/3/2012			Dihydrofuran Azetidine Derivatives as Antiparasitic Agents
71916	United States	61/698380	9/7/2012			Spirocyclic Derivatives As Antiparasitic Agents
71916	United States	61/699017	9/10/2012			Spirocyclic Derivatives As Antiparasitic Agents

Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
71927	United States	61/611190	3/15/2012			Egg Tray Advancement System for an In Ovo Injection Apparatus, and Associated Method
71928	United States	61/653558	5/31/2012			Canine Respiratory Coronavirus For Treatment And Protection Against Bacterial Infections
71930	United States	61/644512	5/9/2012			Azetidine Derivatives as Antiparasitic Agents
71931	United States	61/655561	6/5/2012			Processing System For Transferring Eggs, And Associated Method
71932	United States	61/705704	9/26/2012			Subunit Immersion Vaccines for Fish
071932A	United States	0				Subunit Immersion Vaccines for Fish
71936	United States	61/656056	6/6/2012			Caninized Anti-NGF Antibodies And Methods Thereof
71939	United States	61/648461	5/17/2012			Effective Vaccination Against Porcine Reproductive and Respiratory Syndrome (PRRS) Virus Prior to We
71944	United States	61/695410	8/31/2012			Crystalline Forms of 1-(5'-(3,5-Dichloro-4-Fluorophenyl)-5-(Trifluoromethyl)-4,5-Dihydroisoxazol-
71950	United States	61/698004	9/7/2012			Spirocyclic Isoxazoles
71951	United States	61/673298	7/19/2012			Bovine Influenza Virus Compositions
71952	United States	61/676384	7/27/2012			Tick Toxin Compositions
71955	United States	61/674289	7/20/2012			Dosing Regimen for Janus Kinase (JAK) Inhibitors
71956	United States	61/696423	9/4/2012			Spirocyclic Isoxazoline Derivatives for Treatment of Sea Lice
71960	United States	61/698116	9/7/2012			Spirocyclic Isoxazoline Parasitocidal Combinations
71965	United States	61/705709	9/26/2012			Tricyclic Tetrahydroquinoline Antibacterial Agents
071965A	United States	0				Tricyclic Tetrahydroquinoline Antibacterial Agents
71966	United States	61/705815	9/26/2012			Phenicol Antibacterial Agents
071966A	United States	0				Phenicol Antibacterial Agents
009424A	Uruguay	24798	12/3/1997	14121	7/27/2003	Parasitocidal Pyrazoles
009424A	Uruguay	24923(13.947)	3/17/1998	13.947	8/9/2001	Parasitocidal Pyrazoles
026082A	Uruguay	28.670	12/14/2004			New Fluorinated Arylpyrazoles
033245A	Uruguay	31942	6/26/2009			Novel Adjuvant Compositions
033701A	Uruguay	32059	8/19/2009			Pyrrolo [2,3-D] Pyrimidine Compounds
033857A	Uruguay	32274	11/30/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein



Docket No.	Country	App. No.	App. Date	Patent No.	Grant Date	Title
071661A	Uruguay	33.400	5/23/2011			Parapoxvirus Vectors Containing Rabies Virus Antigen
071700A	Uruguay	33.523	7/20/2011			Parapoxvirus Vectors
071703A	Uruguay	33.545	8/3/2011			Isoxazoline Derivatives as Antiparasitic Agents
071750A	Uruguay	34.206	7/20/2012			Interleukin-31 Monoclonal Antibody
071752A	Uruguay	34.047	4/30/2012			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Uruguay	34.286	8/23/2012			Improved Vaccine Diagnostics
071769A	Uruguay	33.943	3/9/2012			Spirocyclic Isoxazoline Derivatives as Antiparasitic Agents
8385	Venezuela	1994-000050	1/17/1994			Antiparasitic Agents
009424A	Venezuela	2478-97	12/4/1997			Parasitocidal Pyrazoles
026082A	Venezuela	2121-04	12/13/2004			New Fluorinated Arylpyrazoles
033245A	Venezuela	2009-01199	6/26/2009			Novel Adjuvant Compositions
033857A	Venezuela	2173-09	12/3/2009			Bovine Viral Diarrhea Virus with a Modified ERNS Protein
033876A	Venezuela	228-10	2/12/2010			High Dosage Doramectin Formulation
071752A	Venezuela	2012-00545	4/30/2012			Novel Cephalosporins Useful as Antibacterial Agents
071766A	Venezuela	2012-01062	8/24/2012			Improved Vaccine Diagnostics

ADDENDUM

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

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

DECLARACION JURAMENTADA

Yo, Michelle L. McGowan, por la presente certifico que la copia adjunta ha sido comparado con la Cesión de patente original entre **AH USA 42 LLC** cambiando el nombre por "**AH USA 42 LLC**" a "**Zoetis LLC**" firmado el 1 de febrero del 2013, y que dicha copia es copia fiel del original.

Fecha el 2 de abril de 2013, en Madison, New Jersey Estados Unidos de América.

Firmado: Michelle L. McGowan

PARA SER USADO EN COLOMBIA

RECONOCIMIENTO

Estado de New Jersey
Condado de Morris

El 2 de abril de 2013, compareció personalmente Michelle L. McGowan, 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)

CHRISTINE T. AVENOSO
Notario Público de New Jersey
Mi comisión vence el 2 de noviembre de 2018

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 "AH USA 42 LLC", cambiando su nombre de "AH USA 42 LLC" a "ZOETIS LLC", presentado en la oficina el 1 de febrero A.D. de 2013, a las 1:08 en punto.

Sello secretario de estado de Delaware

5114638 8100
130120066

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

Por: (firma ilegible)
Persona Autorizada 0187097

Fecha 02-01-13

Estado de Delaware
Secretaria de Estado
División de Compañías
Elaborado: 02-01-2013 1:08 PM
Presentado: 02-01-2013 01:08 pm
SRV 130120036- 5114638 Firmado

ESTADO DE DELAWARE
CERTIFICADO DE MODIFICACION

1. Nombre de la sociedad de responsabilidad limitada: AH USA 42 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 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

Estado de Delaware
Secretaria de Estado
División de Compañías
Elaborado: 02-01-2013 1:08 PM
Presentado: 02-01-2013 01:08 pm
SRV 130120036- 5114638 Firmado



ESTADO DE DELAWARE
CERTIFICADO DE MODIFICACION

1. Nombre de la sociedad de responsabilidad limitada: AH USA 42 LLC
2. El certificado de modificación de responsabilidad limitada se modificaria 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 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

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AFFIDAVIT

I, Michelle L. McGowan, do hereby certify that the attached copy has been compared with the original Certificate of Amendment of "AH USA 42 LLC" changing its name from "AH USA 42 LLC" to "Zoetis LLC" dated February 1, 2013, and that the said copy is a true copy of the original.

Dated this 2nd day of April, 2013, at Madison, New Jersey, United States of America.

Michelle L. McGowan
Michelle L. McGowan

TO BE USED IN COLOMBIA

ACKNOWLEDGMENT

State of New Jersey)
)
County of Morris)

On this 2nd day of April, 2013, before me personally appeared Michelle L. McGowan, 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.

Christine T. Avenoso
Notary Public

CHRISTINE T. AVENOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires November 20, 2013

Delaware

PAGE 1

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 "AH USA 42 LLC", CHANGING ITS NAME FROM "AH USA 42 LLC" TO "ZOETIS LLC", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2013, AT 1:08 O'CLOCK P.M.

5114638 8100

130120036

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



Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 0187097

DATE: 02-01-13

State of Delaware
Secretary of State
Division of Corporations
Delivered 01:08 PM 02/01/2013
FILED 01:08 PM 02/01/2013
SRV 130120036 - 5114638 FILE

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: AR USA 42 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 LLC.

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

By: Brenda L. Santuccio
Authorized Person(s)

Name: Brenda L. Santuccio
Print or Type