Industria y Comercio
SUPERINTENDENCIA

Radicación	14 115927 0009 0001		2016-01-07 15:17:12
Trámite	11	PCT-PATENTE DE INVENCION CAPITULOS I Y II	
Evento	2	TRANSFERENCIAS	
Actuación	411	PRESENTACION	Folios: 44
Dependencia	2020	DIRECCION DE NUEVAS CREACIONES	
Pago #1	1186	$ 296000	

DIRECCIÓN DE NUEVAS CREACIONES
INSCRIPCIÓN DE TRASPASO

1	Datos del Solicitante / Titular		
Nombre:	MERIAL LIMITED	**Dirección Electrónica:**	clientes@cavelier.com
Dirección:	3239 Satellite Boulevard, Duluth, Georgia 30096, Estados Unidos de América	**Domicilio/País de constitución:**	ESTADOS UNIDOS DE AMERICA - GEORGIA - DULUTH
Identificación: ☐ CEDULA DE CIUDADANIA ☒ EMPRESA EXTRANJERA ☐ PASAPORTE ☐ CEDULA DE EXTRANJERIA ☐ NIT **Número:** 101642491-			

2	Datos de la Inscripción
2.1.	Titularidad
De:	MERIAL LIMITED
A:	

Nombre:	MERIAL INC.	**Dirección Electrónica:**	clientes@cavelier.com

Dirección:	3239 Satellite Boulevard, Duluth, Georgia 30096, Estados Unidos de América	**Domicilio/País de constitución:**	ESTADOS UNIDOS DE AMERICA - GEORGIA - DULUTH

Identificación:

☐ CEDULA DE CIUDADANIA
☐ CEDULA DE EXTRANJERIA
☒ EMPRESA EXTRANJERA
☐ NIT
☐ PASAPORTE

Número: 1017019-

3	**Datos del Representante Legal / Apoderado**		
Nombre:	LUZ CLEMENCIA DE PÁEZ	**Dirección Electrónica:**	cavelier@cavelier.com
Dirección:	CARRERA. 4 No. 72-35	**Domicilio/País de constitución:**	COLOMBIA - BOGOTA D.C. - BOGOTA D.C.

Identificación:

☒ CEDULA DE CIUDADANIA
☐ CEDULA DE EXTRANJERIA
☐ EMPRESA EXTRANJERA
☐ NIT
☐ PASAPORTE

Número: 35456344-

Presentación de Poder

Año de Radicación	
Número de Radicación	

4	**Datos de las Creaciones**			
Identificación de la Creación	**No. de Certificado**	**Vigencia**	**No. de Expediente**	**Tipo Trámite**

COMPOSICIONES INSECTICIDAS VETERINARIAS QUE COMPRENDEN FIPRONIL Y UN IMIDAZOL SUSTITUIDO	000000		14115927	PCT-PATENTE DE INVENCION CAPITULOS I Y II

5	**Documentos Anexos**

☒ Poderes, si fuere el caso.
☒ Documento que respalde la inscripción, según sea el caso.
☐ Documentos que acrediten el legítimo interés, si fuere el caso.
☐ Otros Anexos

ASSIGNMENT AGREEMENT

This Assignment is made and entered into by and between

Merial Limited

a company limited by shares registered in England and Wales (registered number 3332751), with a registered office at PO Box 327, Sandringham House, Sandringham Avenue, Harlow Business Park, Harlow, Essex CM19 5QA, England, and domesticated in Delaware, USA as Merial LLC with an office at 3239 Satellite Boulevard, Duluth, Georgia 30096.

hereinafter referred to as **"Assignor"**

and

Merial, Inc.

a Georgia corporation, having its principal place of business at 3239 Satellite Boulevard, Bldg. 500, Duluth, Georgia 30096 USA, on behalf of itself and any of its subsidiaries and/or Affiliates

hereinafter referred to as **"MERIAL"**

being the proprietor of certain improvements in the international application as indicated in the attached Exhibit "A" for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby assign unto **MERIAL**, its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of the inventions and discoveries in the United States utility patent application and International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US), designating all PCT member countries/states, as well as in any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of **MERIAL**, or their designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the priority application(s).

The Assignor declares that he is proprietor of the intellectual property rights, such as patents, patent applications, supplementary protection certificates, supplementary protection certificate applications, utility models or design patents, given in the schedule hereto, and hereby declares that he assigns the said intellectual property rights and all his rights, title and interest in and to the said intellectual property rights, to **MERIAL**, together with all rights of action, power and benefit belonging or accrued arising therefrom including the right to take proceedings to recover damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this assignment. **MERIAL** hereby declares that he accepts such assignment.

Assignor further agrees that the change of ownership be recorded in the official Patent Office records.

Date: 02 Feb 2015

MERIAL, INC.

Christian Schwerd, Esq.
Head of Legal
Company Secretary

Date: February 2, 2015

MERIAL LIMITED

Dr. Judy Jarecki-Black, Esq.
Global Head, Intellectual Property
Assistant Secretary for Patents

Enclosure: Intellectual Property Rights - Schedule

InvTitle	Country	App Number	Parent PCT Number
HIGH RESOLUTION MELT GENOTYPING OF IBV, CSFV and NDV	WO	PCTUS1375695	
HIGH RESOLUTION MELT GENOTYPING OF IBV, CSFV and NDV	US	14109104	
Arylazol-2-YL Cyanoethylamide Compounds, Method of Making and	US	13622664	13325467
Arylazol-2-YL Cyanoethylamide Compounds, Method of Making and	US	12119150	
Arylazol-2-YL Cyanoethylamide Compounds, Method of Making and	US	13325467	12119150
PESTICIDAL BIS-ORGANOSULFUR COMPOUNDS	US	13511736	PCT/US10/59011
PESTICIDAL BIS-ORGANOSULFUR COMPOUNDS	WO	PCT/US10/59011	
Recombinant Avian Influenza Vaccine	WO	PCT/US09/66146	
BLUETONGUE VIRUS RECOMBINANT VACCINES AND USES THEREOF	US	13046317	
BLUETONGUE VIRUS RECOMBINANT VACCINES AND USES THEREOF	WO	PCT/US11/28131	
FOOT AND MOUTH DISEASE VIRUS RECOMBINANT VACCINES AND USES THEREOF	WO	PCT/US11/28115	
RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE	US	13364993	
RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE	US	14507455	13364993
RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE	US	13365018	11547399
RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE	WO	PCTUS1223658	
Novel Monensin Derivatives for the Treatment and Prevention of Protozoal Infections	US	13297367	
NOVEL INSECT-REPELLENT COUMARIN DERIVATIVES, SYNTHESES, AND METHODS OF USE	WO	PCTUS1243430	
NEEDLE-FREE ADMINISTRATION OF PRRSV VACCINES	US	61491955	
NEEDLE-FREE ADMINISTRATION OF PRRSV VACCINES	WO	PCTUS1239254	
NEEDLE-FREE ADMINISTRATION OF PRRSV VACCINES	US	13479451	

RECOMBINANT EQUINE HERPESVIRUS-1 VACCINE CONTAINING MUTATED GLYCOPROTEIN C AND USES THEREOF	US	14543300	13840935
Methods of using Microneedle Vaccine Formulations to Elicit in Animals Protective Immunity against Rabies Virus	US	62074436	
Method of Synthesizing Macrolide Compounds	WO	PCTUS0961797	
Selective Embryonic Structure Targeting and Substance Delivery Device	US	14517184	
Selective Embryonic Structure Targeting and Substance Delivery Device	WO	PCTUS1461119	
AVERMECTIN B1 AND AVERMECTIN B1 MONOSACCHARIDE DERIVATIVES HAVING AN ALKOXYMETHYL SUBSTITUENT IN THE 4"-OR 4'-POSITION	US	13117292	12768280
PARASITICIDAL COMPOSITIONS COMPRISING BENZIMIDAZOLE DERIVATIVES, METHODS AND USES THEREOF	US	13865802	
NEWCASTLE DISEASE VIRUS VECTORED HERPESVIRUS VACCINES	US	13220196	
COMPOSITIONS COMPRISING MACROCYCLIC LACTONE COMPOUNDS AND SPIRODIOXEPINOINDOLES	US	12970684	
Long-acting nanoencapsulated arthropod repellent formulations and methods of use thereof	US	13751787	
Methods and Apparatus for Automatic Jet Injection of Bird Eggs	US	11096639	
Nipah Virus Vaccine	US	11404534	
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF	US	13901077	12618534
Vaccine Against Streptococci	US	11692968	
Topical Anthelmintic Veterinary Formulations	US	10/818,313	
Mixing Devices for Chemical Lysis of Cells	US	11287906	
Canine Influenza Vaccines	US	11557040	
LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS	US	13690185	
DIMERIC 1-ARYLPYRAZOLE DERIVATIVES	US	13129031	PCT/US09/64981
Canine GHRH Gene, Polypeptides and Methods of Use	US	10838122	

Canine GHRH Gene, Polypeptides and Methods of Use	US	11/015,461	10838122
STABILIZERS FOR FREEZE-DRIED VACCINES	US	11522211	
Gene Therapy For Renal Failure	US	11599026	
Gene Therapy For Renal Failure	US	11803991	11599026
Gene Therapy For Renal Failure	US	12273931	11599026
AMIDO-PYRIDYL ETHER COMPOUNDS AND COMPOSITIONS AND THEIR USE AGAINST PARASITES	US	14127248	
Attenuated Gram Negative Bacteria	US	12246809	10406686
Nicotinic Acid-Heterocyclyl-Amides and Analogous Pyrimidine Derivatives For Use as Pesticides	US	10/255,288	
Compositions and Methods For Controlling Insects	US	09/193,180	
Pyridine Carboxamide Derivatives and Their Use As Pesticides	US	10514485	
Porcine circovirus recombinant poxvirus vaccine	US	583545	
Recombinant live vaccine based on feline herpes virus type 1, especially against feline infectious peritonitis	US	09531857	
Useful process to transform function 4"(s)-oh of the reason cladinose of a aza macrolide into 4"(r)-nh2	US	11223912	09/484648
4"-DEOXY-4"-(S)-AMIDO AVERMECTIN DERIVATIVES	US	10/513247	
Alive vaccine recombining aviary, using as vector the virus of the aviary infectious laryngotrachÃ©ite	US	362831	
Method of Preparing Cox-2 Inhibitors	US	10/117832	
METHYLTHIOAMIDE AMIDO AND ARYLAZOL-2-YL-METHYLTHIOAMIDE AMIDO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	13086161	12582486
DNA-Based Vaccination Of Fish By Immersion	US	09/115423	
Water Miscible Microlide Solutions	US	09112690	
AVERMECTINS SUBSTITUTED IN THE 4" AND 4'-POSITIONS HAVING PESTICIDAL PROPERTIES	US	10/544274	
AVERMECTIN-AND AVERMECTIN MONOSACCHARIDE DERIVATIVES SUBSTITUTED IN THE 4"-OR 4'-POSITION HAVING PESTICIDAL PROPERTIES	US	10543638	
Attenuated Gram Negative Bacteria	US	13091046	12246809
Water Miscible Microlide Solutions	US	09346905	
Long Acting Injectable Formulations	US	11207980	
Canine Influenza Vaccines	US	11/211,983	

Canine Influenza Vaccines	US	11/264,622	11/211,983
Omeprazole Prevention of Ulcers	US	09/867285	
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	US	11840519	10/239420
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	US	11840542	10/239420
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	US	12684705	11840542
Vaccine Spray System	US	10/350,557	
Avipox Recombinants Expressing Foot and Mouth Disease Virus (FMDV) Genes	US	11110480	
Needle-free Administration of FeLV Vaccines	US	11/146,299	
Anthelmintic Oral Homogeneous Veterinary Pastes	US	11107048	10177822
Vesicular Stomatitis Virus	US	11505064	
Live Recombined Vaccines Injected with Adjuvant	US	622951/09	
Recombinant canine adenoviruses, mÃ©thod for making and uses thereof	US	08675566	
Salmonella Vaccine	US	11953472	
Feline Calicivirus (FCV) Capside Gene and Recombinant Vaccine	US	09 617594	
Feline Calicivirus (FCV) Capside Gene and Recombinant Vaccine	US	10/209507	
ANTIMICROBIAL POLYAMIDE COMPOSITIONS AND MASTITIS TREATMENT	WO	US2014/023299	
Postweaning Multisystemic Wasting Syndrome and Porcine Circovirus from Pigs	US	11485240	PCT/EP01/07399
Process for the preparation of pesticidal compounds	US	10/297675	
Process for the preparation of 9-DEOXO-8A-AZA-(8A-ALKYL)-8A-HOMOERYTRHROMYCIN a derivatives from 9-DEOXO-9(Z)-HYDROXYIMINOERYTRHROMYCIN Aâ€	US	09/815389	
AVERMECTIN AND AVERMECTIN MONOSCCHARIDES SUBSTITUTED IN THE 4'-AND 4"-POSITION HAVING PESTICIDAL PROPERTIES	US	10568715	
COMPOSITIONS COMPRISING C-13 ALKOXYETHER MACROLIDE COMPOUNDS AND PHENYLPYRAZOLE COMPOUNDS	US	11799796	
Recombinant Vaccine Against West Nile Virus	US	10714781	PCT/FR01/02042

Vaccine against Foot and Mouth Disease	US	10/327481	
Immortal Avian Cells	US	09/194,025	
Immortal Avian Cells	US	09/842,641	
Pesticidal Pyridinecarboxamide Derivatives	US	10514430	
DNA VACCINE-PCV	US	09586535	PCTEP2005006326
Pesticidal Agents on the basis of 1-aryl-aminopyrrol	US	11615679	11/615,656
PESTICIDAL COMPOUNDS	US	12409252	PCTEP2005006322
1-ARYLPYRAZOLE DERIVATIVES PESTICIDAL AGENTS	US	11615647	
Polymorphic B Form of 3-(cyclopropylmethoxy)-4-(4-(methylsulfonyl)phenyl)-5,5 dimethyl-5H-furan-2-one	US	10117854	
Automatic Poultry Injection Delivery Apparatus	US	10/295,635	
Topical Formulations Comprising A 1-N Arylpyrazol Derivative and A Formamidine	US	10/783,459	
DNA-Based Vaccination Of Fish By Immersion	US	08/740805	
Avian Polynucleotide Vaccine Formula	US	09/784990	
Controls of Arthropods in Animals	US	09/457,869	
Controls of Arthropods in Animals	US	09/590,069	
Controls of Arthropods in Animals	US	10/342,203	
DNA Vaccines for Farm Animals; in particular Bovines and Porcines	US	09/760,574	
AVERMECTIN B1 MONOSACCHARIDE DERIVATIVES	US	10560390	
Controls of Arthropods in Animals	US	10/612,269	
Bovine Polynucleotide Vaccine for the Intradermal Route	US	09/232469	
Bovine Polynucleotide Vaccine for the Intradermal Route	US	10/077489	
New Parasiticidal Combination	US	09/376736	10/348,155
Cyclic GMP Dependent Protein Kinase as a Chemotherapeutic Target for Antiprozoal Agents	US	11525062	
DNA Encoding Novel Cyclic GMP Dependent Protein Kinase From Two Protozoal Sources For Use as Chemotherapeutic Targets for Antiprotozoal Agents	US	10/499,554	
Canine Leishmania Vaccine	US	11942457	PCTEP2005002277
5-Aminoalkylpyrazole Derivatives as Pesticidal Agents	US	11525741	
Insecticidal Combination to Control Mammal fleas, In particular Fleas on Cats and Dogs	US	10052597	

Process which is useful for converting the Carbonyl function in position 4" of the Cladinose Unit of an Aza-Macrolide Into an Amine Derivative	US	09/858671	
Field Bag Boost	US	08/828,418	
Multiple Fluid Delivery Device For Poultry	US	11959400	PCTEP05010403
Vinylaminopyrazole Derivatives as Pesticides	US	11747293	
Nucleic Acid Vaccination For Parvoviral Infections	US	09/171,425	
Polynecleotide Vaccine Formula In Particular Against Bovine Respiratory Pathology	US	10085519	
Useful process to transform function 4"(s)-oh of the reason cladinose of a aza macrolide into 4"(r)-nh2	US	09-484648	
Dispersion Devices For Aggregates	US	11870059	
METHYLTHIOAMIDE AMIDO AND ARYLAZOL-2-YL-METHYLTHIOAMIDE AMIDO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	12582486	
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF	US	12618534	
Equine Herpes Virus Type1 Glycoprotein D (EHV-1gD)	US	094440	
Equine Herpes Virus Type1 Glycoprotein D (EHV-1gD)	US	532906	
Recombinant Poxvirus, Compositions and Methods of Inducing Immune Responses	US	08/458356	PCT2005012904
Phenylpyrazole-Piperazines and Pesticides Compositions of Matter Thereof	US	11759378	PCT/US04/006153
Antiprotozoal Imidazopyridine Compounds	US	10548154	
Method of Synthesizing Macrolide Compounds	US	12604618	
Vaccine Against African Horse Sickness Virus	US	12604048	
Recombinant Avian Influenza Vaccine	US	12628085	
Antiparasitic Composition for the Treatment and Protection of Pets	US	10/118404	
ENANTIOMERICALLY ENRICHED ARYLOAZOL-2-YL CYANOETHYLAMINO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	12618308	
DIMERIC AVERMECTIN AND MILBEMYCIN DERIVATIVES	US	12631249	PCT/EP98/02014

Aromatic Amides, Their Preparation Process and Their Use as Pesticides	US	09402704	8320072
Intermediates Useful For The Synthesis of 1-Arylpyrrole Pesticides	US	08501336	
NEWCASTLE DISEASE VIRUS VECTORED AVIAN VACCINES	US	12753597	
Dihalopropene Compounds, Processes for Their Preparation, Compositions Comprising Them and Their Use As Pesticides	US	10289398	
Equine Herpes Virus Type1 Glycoprotein D (EHV-1gD)	US	717577	9339175
PESTICIDAL 1-ARYLPYRAZOLES	US	09578859	
Insecticidal Methods	US	09352358	
Pipette Applicator	US	29209377	PCTEP20060035
Chemical Compounds, Process for their preparation and the use thereof	US	11780823	
Control of Arthropods in Animals	US	09 727684	PCTEP2005012973
Chemical Compounds, Process for their Preperation and use thereof	US	11764255	PCT2005012903
5-Aminopyrazole derivatives as pesticidal compounds	US	11759386	
Control of Arthropods in Animals	US	10 406491	11235087
Control of Arthropods in Animals	US	11529778	PCT/EP2005/001981
1-Phenyl and 1-Pyridylpyrazole Derivatives and Their Use as Pesticides	US	10592519	
Infectious Bursal Disease Virus Recombinant Poxvirus Vaccine	US	303124	
Mareks Disease Virus Recombinant Poxvirus Vaccine	US	207792	
Poxvirus Canine Distemper Virus (CDV) Recombinant and Compositions	US	224657	
ALVAC POXVIRUS-RABIES COMPOSITIONS AND COMBINATION COMPOSIT IONS AND USES	US	486969	
IMMUNODEFICIENCY RECOMBINNT POXYVIRUS	US	136159	
GENETICALLY ENGINEERED VACCINE STRAIN	US	709209	
MAREK'S DISEASE VIRUS RECOMBINANT POXVIRUS VACCINE	US	475063	11403497
Assay for Porcine Circovirus Production	US	12101512	
Novel Vaccine Formulations	US	11/107,000	
AQUEOUS SPECTINOMYCIN BORATE SOLUTIONS	US	369629	
TROVAC FOWL FOX VIRUS RECOMBINANTS COMPRISING HETEROLOGOUS INSERTS	US	458101	

NUCLEOTIDE AND AMINO ACID SEQUENCES OF CANINE HERPESVIRUS G D AND USES THEREOF	US	473446	
RECOMBINANT POXVIRUS-FELINE INFECTIOUS PERITIONITIS VIRUS, COMPOSITIONS THEREOF AND METHODS FOR MAKING AND USING THEM	US	566398	
Poxvirus-canine distemper virus (CDV) or measles virus reco mbinants and compositions and methods employing the recombi	US	354138	
Feline Calicivirus Genes and Vaccines in particular Recombined Vaccines	US	09616781	
Pesticidal 5-(ACYLAMINO) Pyrazole Derivatives	US	10537547	
Pesticidal Compositions	US	10537460	10783459
Topical Formulations Comprising A 1-N Arylpyrazol Derivative and A Formamidine	US	12420325	PCTEP2006069686
MALONONITRILE COMPOUNDS	US	12158507	10246220
Heterocyclic Amide and Imine Derivatives, Processes for their Preparation, Compositions Compromising Them and Their Use as Pesticides	US	10 811578	10811578
Heterocyclic Amide and Imine Derivatives, Processes for their Preparation, Compositions Compromising Them and Their Use as Pesticides	US	11756525	
Pesticidal 1-Ayl-3-Amidoxime-Pyrazole Derivatives	US	10537466	10239588
DNA Molecules Encoding L-Glutamate-Gated Chloride Channels from Rhipicephalus sanguineus	US	11620347	11620347
DNA Molecules Encoding L-Glutamate-Gated Chloride Channels from Rhipicephalus sanguineus	US	11620390	10239588
DNA Molecules Encoding L-Glutamate-Gated Chloride Channels from Rhipicephalus sanguineus	US	11620435	
Recombinant Live Vaccine Containing Canine Herpes virus, in particular againt Carres disease, Rabies or the Parainfluenza virus Type 2.	US	09/213053	
Direct Spot-On Antiparasitic Skin Solution For Domestic Animals	US	09/450186	PCTEP2005006325
N-PHENYLPYRAZOLE DERIVATIVES AS PESTICIDES	US	11645323	
Process For The Preparation of Pesticidal Compounds	US	10297676	

Adjustable Animal Watering System	US	12113483	60259709
Bird vaccinating device and method or operation	US	10/035341	
5-Substituted-Alkylaminopyrazole Derivatives As Pesticides"	US	10506358	
RECOMBINANT EQUINE HERPESVIRUS-1 VACCINE CONTAINING MUTATED GLYCOPROTEIN C AND USES THEREOF	US	13840935	
AUTOMATIC EGG VACCINATOR	US	11152613	
EGG VACCINATION APPARATUS	US	11584775	11584775
EGG VACCINATION APPARATUS	US	12758933	12814289
1-Aryl-5-Alkyl Pyrazole Derivatives	US	13894601	
IMPROVED PROCESSES FOR THE PREPARATION OF 1-ARYL-5-ALKYL PYRAZOLE COMPOUNDS	US	13867699	PCT/NZ/2010/000146
Sustained Release Capsules	US	13386202	9036788
Pesticidal 1-Arylpyrazoles	US	09516231	
Cotton Rat Lung Cells for Virus Culture	US	10391498	
Viral Vaccines	US	304110	09/622,951
Live Recombined Vaccines Injected with Adjuvant	US	10735429	
Direct Spot-On Antiparasitic Skin Solution For Domestic Animals	US	10/120691	
Improved Paste Formulations	US	09/504741	9554547
Tissue Cement Proteins From Rhipicephalus Appendiculatus	US	10226489	
Vaccination against Canine Herpesviruses and Vaccines Therfor	US	09/766083	
Arylisoxazoline Derivatives, Processes for their Preparation and their use as Pesticides	US	10102789	
Feline Polynucleotide Vaccine Formula	US	232278	
Equine granulocyte-macrophage colony-stimulating factor (GM-CSF)	US	09/589460	
Equine granulocyte-macrophage colony-stimulating factor (GM-CSF)	US	10614481	
New Vaccine Formulations	US	10899181	11038682
Improved Inactivated FCV Vaccines	US	11040670	
Assay for Porcine Circovirus Production	US	11/403,497	
Articular Cartilage Gene Therapy with Recombinant Vector Encoding BMP-7	US	11867919	
Leptospirosis Culture Process	US	11404690	
1-Aryl-5-Alkyl Pyrazole Derivatives	US	11825050	PCT US98,18579
9A-AZALIDES AS VETERINARY ANTIMICROBIAL AGENTS	US	09/508,489	
1-N-Arylpyrazole Derivatives in Prevention of Anthropod-Borne and Mosquito-Borne Diseases	US	10/374,627	
ML Oily Formulations	US	09043569	
Solvent Systems For Pour-On Formulations For Combating Parasites	US	12324066	PCT/NZ00/00053

Anthelmintic Compositions	US	09958814	9958814
Anthelmintic Compositions	US	12632569	
Selenium Pour On	US	08334223	09/214,260
ML/Antigen Combination	US	09/788,572	
ML/Antigen Combination	US	09/214,260	
Genesis Prazoquantel Solution	US	09214543	
Syringe With Protective Cap	US	29305650	
Syringe With Protective Cap	US	29/305,651	
Feline Polynucleotide Vaccine Formula	US	902428	
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	US	10/239,420	
Vaccine Compositions and Method	US	12759176	10714781
Recombinant Vaccine Against West Nile Virus	US	12758500	
Live Recombinant Avian Vaccine using an Avian Herpes Virus as Vector	US	09/240426	
Process for Preparing and Isolating 9-Deoxo-9(2)-Hydroxyiminoerythromycine A	US	09/740671	8178476
Improved Paste Formulations	US	09083366	61415212
Leishmania Challenge Model	US	13296675	PCT/EP97/03828
Process and Composition for the Antiparasitic Treatment of the Surrounding of Animals	US	09230282	
ANTIPARISITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME	US	12970670	PCT/EP2007/054717
INSECTICIDAL METHODS USING 4-AMINO-5-CHLORO-THIENO [2,3-D]-PYRIMIDINE COMPOUNDS	US	12301511	
PYRAZOLE PESTICIDES	US	08946132	8946375
Pesticidal 1-Arylpyrazoles	US	08989247	9450450
Pesticidal 1-Arylpyrazoles	US	09970667	9970667
Pesticidal 1-Arylpyrazoles	US	10196959	
EMULSIFIABLE CONCENTRATE COMPRISING AN INSECTICIDAL 1-ARYLPYRAZOLE	US	09365183	
PESTICIDAL 1-ARYLPYRAZOLES	US	09339175	PCT/EP2004/010132
6-HALOGENO-[1,2,4]TRIAZOLO[1,5-A]PYRIMIDINES FOR COMBATING ANIMAL PESTS	US	10570854	11404534
Nipah Virus Vaccine	US	12839556	11942457
Canine Leishmania Vaccine	US	12839580	
Pesticidal 1-Arylpyrazoles	US	09036788	9516231
Pesticidal 1-Arylpyrazoles	US	09714100	8671691
1-(NITROARYL)PYRROLE INTERMEDIATES TO PESTICIDAL 1-(HALOARYL)PYRROLES	US	08799455	
SALTS OF AVERMECTINS SUBSTITUTED IN THE 4"-POSITION AND HAVING PESTICIDAL PROPERTIES	US	11319687	

4"-DEOXY-4"(S) AMINO AVERMECTIN DERIVATIVES	US	10488225	11803991
Gene Therapy For Renal Failure	US	12794184	11825050
1-Aryl-5-Alkyl Pyrazole Derivatives	US	12814289	
AVERMECTINS SUBSTITUTED IN THE 4"-POSITION HAVING PESTICIDAL PROPERTIES	US	11319686	
Methods and Apparatus for Automatic Jet Injection of Bird Eggs	WO	PCT/US05/11194	
Vaccination of Skunks and/or Mongooses Against Rabies	WO	PCT/US05/21918	
Nipah Virus Vaccine	US	60/674,583	
ATTENUATED MANNHEIMIA HAEMOLYTICA VACCINES AND METHODS OF MAKING AND USE	US	14075169	
TOPICAL DELIVERY FORMULATION	US	61929371	
USE OF MALONONITRILE COMPOUNDS FOR PROTECTING ANIMALS FROM PARASITES	US	61980832	
Vaccine Against Streptococci	US	60/786,936	
DNA Plasmids Having Improved Expression and Stability	US	60/795,324	
Canine Influenza Vaccines	WO	PCTUS06032914	
Coccidial Vaccine and Methods of Making and Using Same	WO	PCT/US06/014354	
Mixing Devices for Chemical Lysis of Cells	US	60/631,782	
Methods for Selectively Treating Cox-2 Mediated Disorders by Administering Gamma-Tocopherol	US	60/655,190	
ADJUVANT RABIES VACCINE WITH IMPROVED VISCOSITY PROFILE	US	61477548	
HENDRA VIRUS RECOMBINANT COMPOSITIONS AND USES THEREOF	US	61491037	
NOVEL METHOD FOR VACUUM-ASSISTED PRESERVATION OF BIOLOGICS INCLUDING VACCINES	US	61490987	
IMPROVED PROCESSES FOR THE PREPARATION OF 1-ARYL-5-ALKYL PYRAZOLE COMPOUNDS	US	61635969	
FLUORINATED OXA OR THIA HETEROARYLALKYLSULFIDE DERIVATIVES FOR COMBATING INVERTEBRATE PESTS	US	61261830	
RECOMBINANT GALLID HERPESVIRUS 3 (MDV SEROTYPE 2) VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	US	61564877	
LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS	US	61566336	

Canine GHRH Gene, Polypeptides and Methods of Use	WO	PCT/US05/15522
STABILIZERS FOR FREEZE-DRIED VACCINES	US	60/717,640
STABILIZERS FOR FREEZE-DRIED VACCINES	WO	PCT/US06/035944
Gene Therapy For Renal Failure	US	60/736,452
Gene Therapy For Renal Failure	WO	PCTUS2006044048
Attenuated Pasteurella Multocida Vaccines & Methods of Making & Use Thereof.	US	14528305
PARASITICIDAL ORAL VETERINARY COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENTS, METHODS AND USES THEREOF	US	61595463
COMPOSITIONS CONTAINING SYNERGISTIC AMOUNTS OF FIPRONIL AND PERMETHRIN AND A SOLVENT SYTEM FOR MAINTAINING SYNERGISTIC EFFICACY AND METHODS OF USE	US	61602472
Rotavirus Subunit Vaccines and Methods of Making and Use Thereof	US	61598624
Recombinant Poxviral Vectors Expressing both Rabies and OX40 Proteins, and Vaccines Made Therefrom	US	61598610
PARASITICIDAL COMPOSITIONS COMPRISING BENZIMIDAZOLE DERIVATIVES, METHODS AND USES THEREOF	US	61635961
Novel methods for providing long-term protective immunity against rabies in companion animals, based upon administration of replication-deficient flavivirus expressing rabies G	US	61611604
Modified Marekâ€™s Disease Virus, and Vaccines Made Therefrom	US	61614142
AMIDO-PYRIDYL ETHER COMPOUNDS AND COMPOSITIONS AND THEIR USE AGAINST PARASITES	WO	PCT/US12/44476
ATTENUATED STREPTOCOCCUS SUIS VACCINES AND METHODS OF MAKING AND USE THEREOF	US	61664935
NOVEL METHOD FOR VACUUM-ASSISTED PRESERVATION OF BIOLOGICS INCLUDING VACCINES	US	13485437
Useful process to transform function 4"(s)-oh of the reason cladinose of a aza macrolide into 4"(r)-nh2	US	60/127400
LYME COMBINATION COMPOSITIONS AND USES	WO	PCT/US98/04135

Porcine circovirus recombinant poxvirus vaccine	US	60/138478
ANTHELMINTIC COMPOUNDS AND COMPOSITIONS AND METHOD OF USING THEREOF	US	61728782
ATTENUATED MANNHEIMIA HAEMOLYTICA VACCINES AND METHODS OF MAKING AND USE	US	61723979
Canine Leishmania Vaccine	US	60/866,848
Salmonella Vaccine	US	60869524
Anthelmintic Oral Homogeneous Veterinary Pastes	WO	PCTUS2006048672
Long Acting Injectable Formulations	WO	PCTUS0632407
Omeprazole Prevention of Ulcers	US	60/207878
Novel Oral And Long-Acting Injectable Veterinary Antibiotic Formulations	US	60/842,877
Needle-free Administration of FeLV Vaccines	WO	PCT/US2005/019816
Energy Absorbing Container	US	60/748,374
Energy Absorbing Container	WO	PCTUS0647025
Vesicular Stomatitis Virus	US	60833208
Water Miscible Microlide Solutions	WO	PCTUS9915549
DNA Vaccines For Pets and Sport Animals	US	60/1444490
Recombinant Vaccine Against West Nile Virus	US	60281923
Feline Calicivirus (FCV) Capside Gene and Recombinant Vaccine	US	60/193332
Postweaning Multisystemic Wasting Syndrome and Porcine Circovirus from Pigs	US	60/069233
Postweaning Multisystemic Wasting Syndrome and Porcine Circovirus from Pigs	US	60/069750
Postweaning Multisystemic Wasting Syndrome and Porcine Circovirus from Pigs	US	09/209961
PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV) RECOMBINANT POXVIRUS VACCINE	US	60/206655
Recombinant Vaccine Against West Nile Virus	US	10374953
Duck Pneumovirus and Corresponding Vaccines	US	10/155578
Polynucleotide Vaccine Formula for Treating Dog Diseases, Particularly Respiratory and Digestive Diseases	US	09/784982

Process for the preparation of 9-DEOXO-8A-AZA-(8A-ALKYL)-8A-HOMOERYTRHROMYCIN a derivatives from 9-DEOXO-9(Z)-HYDROXYIMINOERYTRHROMYCIN Aâ€	US	60/198721
DNA Vaccines for Farm Animals; in particular Bovines and Porcines	WO	PCT/IB2003/001215
New Parasiticidal Combination	WO	PCTUS0618657
Process For The Preparation of Pesticidal Compounds	WO	PCT/EP01/07398
NOVEL INSECT-REPELLENT COUMARIN DERIVATIVES, SYNTHESES, AND METHODS OF USE	US	61501485
Parasiticidal Spiroindoline Derivatives	US	61944850
Attenuated Virulence Leptospira Interrogans Strains	US	61944773
PCV MULTIVALENT VACCINE AND USES THEREOF	US	62056034
Process which is useful for converting the Carbonyl function in position 4" of the Cladinose Unit of an Aza-Macrolide Into an Amine Derivative	US	60/219513
Field Bag Boost	WO	PCT/US98/06016
Multiple Fluid Delivery Device For Poultry	US	60/871,084
Recombinant Vaccine Against West Nile Virus	WO	FR0101200
Dispersion Devices For Aggregates	US	60/851,037
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF	US	61116038
FORMULATIONS COMPRISING CEFTIOFUR AND BENZYL ALCOHOL	US	61116031
Pesticidal Substituted Piperidine	WO	PCTEP200600132
Anthelmintic Flavones From Struthiola Argenta	WO	PCT/08/000299
Vaccine Against African Horse Sickness Virus	US	61108075
Recombinant Avian Influenza Vaccine	US	61118492
ARYLOAZOL-2-YL CYANOETHYLAMINO PENTAFLUOROTHIOBENZAMIDO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	61114665
ENANTIOMERICALLY ENRICHED ARYLOAZOL-2-YL CYANOETHYLAMINO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	61114656
ENANTIOMERICALLY ENRICHED ARYLOAZOL-2-YL CYANOETHYLAMINO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	61176136
INTRAMAMMARY TEAT SEALANT	US	61119763

COMPOSITION FOR CONTROLLING FISH	US	61158121	
NEWCASTLE DISEASE VIRUS VECTORED AVIAN VACCINES	US	61166481	
ANTIBIOTIC-FREE PLASMID	US	61180755	
Immortalized Avian Cell Lines	US	11031417	
Pesticidal Substituted Thioethers	WO	PCTEP20060047	
Chemical Compounds, Process for their preparation and the use thereof	WO	PCTEP20060035	
5-Aminopyrazole derivatives as pesticidal compounds	WO	PCT2005012903	
Chemical Compounds, Process for their Preperation and use thereof	WO	PCT2005012973	
Phenylpyrazole-Piperazines and Pesticides Compositions of Matter Thereof	WO	PCT2005012904	
Novel Vaccine Formulations	WO	PCT/US06/13936	
Pesticidal Substituted Benzylethers	WO	PCT/EP/2006/003968	
Production of Porcine Circovirus Proteins in Plants	US	60933105	
Water Miscible Erytromicin Solutions	WO	PCT/US97/11460	
Pipette/Applicator and Optional Tops Therefor	US	000158803-0001	
Methoprene Formulations for the Control of Tick Infestations	WO	PCTUS2005030790	
Stabilized Formulation of Ivermectin Feed Premix	WO	PCT/US04/42519	
Chimeric Vectors	WO	PCTUS05035785	
Skin innate response linked to protective intradermal vaccination against respiratory infection	US	61912350	
Compositions and Vaccines containing Antigen(s) Of Crytosporidium Parvum and of another Pathogen	US	60/171399	
Compositions and Vaccines containing Antigen(s) Of Crytosporidium Parvum and of another Pathogen	US	09/733329	
Adjustable Animal Watering System	US	60927381	
Method and Device for Conditional in ovo Injection	US	62000245	
FMDV RECOMBINANT VACCINES AND USES THEREOF	US	62054073	
ANTIPARISITIC AND PESTICIDAL ISOXAZOLINE COMPOUNDS	US	14528172	13894601
1-Aryl-5-Alkyl Pyrazole Derivatives	US	14325761	
Inactivated Vaccine for Porcine Epidemic Diarrhea Virus (PEDV)	US	62023434	
ANTHELMINTIC COMPOUNDS	US	62000256	
Recombinant Spike Protein Subunit Based Vaccine for Porcine Epidemic Diarrhea Virus (PEDV)	US	62000240	

Novel Cryopreservation Bags and method of use thereof for Closed System, High Capacity Cell-Banking	US	62037181	
Mammalian Cell Lines Expressing Functional Nematode Acetylcholine Receptors, and Use thereof for High-Throughput Screening Assays	US	62047822	
HAEMOPHILUS PARASUIS VACCINE SEROVAR TYPE FOUR	US	14507397	
HAEMOPHILUS PARASUIS VACCINE SEROVAR TYPE FOUR	WO	PCTUS1459330	
RAPIDLY DISSOLVING VACCINE COMPOSITIONS	US	62062180	
Attenuated Pasteurella Multocida Vaccines & Methods of Making & Use Thereof.	WO	PCTUS1463099	
ANTIPARISITIC AND PESTICIDAL ISOXAZOLINE COMPOUNDS	WO	PCTUS1463074	
Novel Methods for Freeze-drying and Rehydrating Biologics	US	61966699	13867699
IMPROVED PROCESSES FOR THE PREPARATION OF 1-ARYL-5-ALKYL PYRAZOLE COMPOUNDS	US	14543341	
Skin innate response linked to protective intradermal vaccination against respiratory infection	WO	PCT/US14/68913	
Enzyme-Linked Immunosorbent Assay (ELISA) for the Detection of Anti-Mycoplasma hyorhinis IgG in Swine Serum	US	62088417	
Skin innate response linked to protective intradermal vaccination against respiratory infection	US	14562440	
ANTHELMINTIC COMPOUNDS AND COMPOSITIONS AND METHOD OF USING THEREOF	US	62105463	
Cotton Rat Lung Cells for Virus Culture	WO	US03/08418	
Cotton Rat Lung Cells for Virus Culture	US	60/366014	
Vaccination against Canine Herpesviruses and Vaccines Therfor	US	60/193227	
Long-Acting Injectable Analgesic Formulations For Animals	US	61081561	
Equine granulocyte-macrophage colony-stimulating factor (GM-CSF)	US	60/138843	
Assay for Porcine Circovirus Production	US	60/670,892	
Assay for Porcine Circovirus Production	WO	PCTUS0614068	
Attenuated Pasteurella Multocida Vaccines & Methods of Making & Use Thereof.	US	61898497	

ANTIPARISITIC AND PESTICIDAL ISOXAZOLINE COMPOUNDS	US	61898578
9A-AZALIDES AS VETERINARY ANTIMICROBIAL AGENTS	US	60/058,330
Porcine Circovirus and Helicobacter Combination Vaccines and Methods of Use	WO	PCTUS0613935
Leptospirosis Culture Process	US	60/673,227
Leptospirosis Culture Process	WO	PCT/US06/14365
1-N-Arylpyrazole Derivatives in Prevention of Anthropod-Borne and Mosquito-Borne Diseases	WO	PCT/US2004/05477
Adjustable Dosage Syringe	US	60781831
Anthelmintic Formulations	US	61075071
Solvent Systems For Pour-On Formulations For Combating Parasites	US	60990205
Multiactive 3-way Formulation	US	10542032
Anthelmintic Formulations	WO	PCT/NZ2005/000243
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	US	60/193,935
PESTICIDAL BIS-ORGANOSULFUR COMPOUNDS	US	61266755
Recombinant NDV Antigen and Uses Thereof	US	61290297
Recombinant CDV Compositions and uses thereof	US	61308620
NEW VACCINE FORMULATIONS COMPRISING SAPONIN-CONTAINING ADJUVANTS	US	61241171
Novel dicyclanil-based shelf stable aqueous suspension and non-aqueous solution pour-on and spray-on formulations useful for the prevention and treatment of insect infestation in animals	US	61244142
COMPOSITIONS COMPRISING MACROCYCLIC LACTONE COMPOUNDS AND SPIRODIOXEPINOINDOLES	US	61287532
ANTIPARISITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME	US	61287545
Parasiticidal Compositions Comprising Multiple Active Agents, Methods and Uses Thereof	US	61320559
Process for Preparing and Isolating 9-Deoxo-9(2)-Hydroxyiminoerythromycine A	US	60/186129
Postweaning Multisystemic Wasting Syndrome and Porcine Circovirus from Pigs	WO	CA98/01130

AMIDO-PYRIDYL ETHER COMPOUNDS AND COMPOSITIONS AND THEIR USE AGAINST PARASITES	US	61501492
RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE	US	61509912
EXPRESSION OF CHIMERIC KSAC PROTEIN AND METHOD OF PRODUCING SOLUBLE PROTEIN BY HIGH PRESSURE	US	61694968
METHOD OF PROVIDING PROTECTIVE IMMUNITY AGAINST HETEROLOGOUS LEPTOSPIRA STRAINS	US	61672386
ATTENUATED SWINE INFLUENZA VACCINES AND METHODS OF MAKING AND USE THEREOF	US	61672398
RECOMBINANT HVT VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	US	61694957
Recombinant CDV Compositions and uses thereof	WO	PCT/US11/026378
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND A SUBSTITUTED IMIDAZOLE, METHODS AND USES THEREOF	US	61560969
Lipid Based Adjuvants for DNA Plasmids	US	61584874
Long-acting nanoencapsulated arthropod repellent formulations and methods of use thereof	US	61590395
PARASITICIDAL COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENT, METHODS AND USES THEREOF	US	61533308
COMPANION ANIMAL MEDICINE REMINDER TAG	US	61452185
Her2 DNA Vaccine as Adjunct Treatment for Cancers in Companion Animals	US	61394505
Topical Combination Formulations of Macrocyclic Lactones with Synthetic Pyrethroids	US	61420744
Novel Monensin Derivatives for the Treatment and Prevention of Protozoal Infections	US	61414234
Leishmania Challenge Model	US	61415212
NEWCASTLE DISEASE VIRUS VECTORED HERPESVIRUS VACCINES	US	61378575
NEW VACCINE FORMULATIONS COMPRISING SAPONIN-CONTAINING ADJUVANTS	WO	PCTUS1048256

Novel dicyclanil-based shelf stable aqueous suspension and non-aqueous solution pour-on and spray-on formulations useful for the prevention and treatment of insect infestation in animals	WO	PCT/US10/49612	
Insecticidal 4-amino-thieno[2,3-d]-pyrimidine compounds and methods of their use	US	61229769	
HIGH RESOLUTION MELT GENOTYPING OF IBV, CSFV and NDV	US	61738688	
METHOD FOR TREATING AND CURING LEISHMANIOSIS USING FEXINIDAZOLE	US	61758918	
Method of Synthesizing Nodulisporamide	US	60/415,627	
Apparatus and method for Administering an Avian Vaccine	US	60/425,987	10899181
New Vaccine Formulations	US	12027776	
Methods and Apparatus for Automatic Jet Injection of Bird Eggs	US	60/559,138	
Vaccination of Skunks and/or Mongooses Against Rabies	US	60/627,878	
Topical Anthelmintic Veterinary Formulations	WO	PCT/US2004/010425	
Canine GHRH Gene, Polypeptides and Methods of Use	US	60/467,405	
Canine GHRH Gene, Polypeptides and Methods of Use	WO	PCT/US04/13550	
Non-Animal Product Containing Veterinary Formulations	WO	PCT/US04/042380	
Cryptosporidium Parvum Subunit Vaccine	US	60/495,045	
Cryptosporidium Parvum Subunit Vaccine	WO	PCT/US2004/026146	
Non-Animal Product Containing Veterinary Formulations	WO	PCT/US03/25448	
Vaccine Spray System	WO	PCT/US03/35732	
Avipox Recombinants Expressing Foot and Mouth Disease Virus (FMDV) Genes	US	60/563,786	
Needle-free Administration of FeLV Vaccines	US	60/576,771	
Medium and Methods For Culturing of Avian Primordial Germ Cells	US	60/578,537	
Automatic Poultry Injection Delivery Apparatus	US	60/331,468	
Automatic Poultry Injection Delivery Apparatus	WO	PCT/US02/37311	
Topical Formulations Comprising A 1-N Arylpyrazol Derivative and A Formamidine	WO	PCT/US04/42379	

Nodulisporic Acid Derivative Spot-On Formulations for Combating Parasites	WO	PCT/US03/30500	
Vaccination of Skunks Against Rabies	US	60581698	
Stabilized Formulation of Ivermectin Feed Premix	US	60/530,939	
Stabilized Formulation of Ivermectin Feed Premix	US	10790489	
Chimeric Vectors	US	10958267	
Methods and Apparatus For Automatic Jet Injection of Bird Eggs	US	60/624,970	
Pesticidal 5-Substituted-Oxyalkylamino-a-Arylpyrazole Derivatives	US	10570042	12921807
VETERINARY SYRINGE FOR MULTIPLE INJECTIONS	US	14496610	
New Vaccine Formulations	US	60/490,345	
New Vaccine Formulations	WO	PCT/US2004/024027	
Improved Inactivated FCV Vaccines	US	60/537,849	
Systems and Methods for Improving Efficiencies in Avian Species	WO	PCTUS0540484	PCT/NZ2009/000035
VETERINARY SYRINGE FOR MULTIPLE INJECTIONS	US	12921807	
Vaccination of Skunks and/or Mongooses Against Rabies	US	11156829	
Nipah Virus Vaccine	WO	PCT/US06/014134	
ATTENUATED PARVOVIRUS VACCINE FOR MUSCOVY DUCK PARVOVIRUS AND GOOSE PARVOVIRUS (DERZSY DISEASE)	WO	PCTUS1358981	12970670
ANTIPARISITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME	US	14086712	
METHOD FOR TREATING AND CURING LEISHMANIOSIS USING FEXINIDAZOLE	WO	PCTUS1414134	
Vaccine Against Streptococci	WO	PCTUS0765427	
DNA Plasmids Having Improved Expression and Stability	WO	PCTUS07010547	
Mixing Devices for Chemical Lysis of Cells	WO	PCT/US05/42797	
Canine Influenza Vaccines	WO	PCTUS0783648	
Rotavirus Subunit Vaccines and Methods of Making and Use Thereof	US	13767569	
INJECTABLE PARASITICIDAL FORMULATIONS OF LEVAMISOLE AND MACROCYCLIC LACTONES	WO	PCT/US11/36321	
FLUORINATED OXA OR THIA HETEROARYLALKYLSULFIDE DERIVATIVES FOR COMBATING INVERTEBRATE PESTS	WO	PCT/EP2010/067248	
Topical Combination Formulations of Macrocyclic Lactones with Synthetic Pyrethroids	WO	PCT/US11/63497	PCT/US10/43717

Insecticidal 4-amino-thieno[2,3-d]-pyrimidine compounds and methods of their use	US	13386194	
COMPANION ANIMAL MEDICINE REMINDER TAG	WO	PCT/US12/29068	11/264,622
Canine Influenza Vaccines	US	12020656	
Canine Influenza Vaccines	WO	PCT/US09/32154	
Gene Therapy For Renal Failure	WO	PCTUS0784274	
Anthelmintic Oral Homogeneous Veterinary Pastes	WO	PCT/US07/88225	
COMPANION ANIMAL MEDICINE REMINDER TAG	US	13420217	
METHOD FOR TREATING AND CURING LEISHMANIOSIS USING FEXINIDAZOLE	US	14169713	
HENDRA VIRUS RECOMBINANT COMPOSITIONS AND USES THEREOF	US	13478165	
HENDRA VIRUS RECOMBINANT COMPOSITIONS AND USES THEREOF	WO	PCTUS1239026	PCT/EP2010/067248
FLUORINATED OXA OR THIA HETEROARYLALKYLSULFIDE DERIVATIVES FOR COMBATING INVERTEBRATE PESTS	US	13510197	
ATTENUATED MANNHEIMIA HAEMOLYTICA VACCINES AND METHODS OF MAKING AND USE	WO	PCTUS1369144	
ANTHELMINTIC COMPOUNDS AND COMPOSITIONS AND METHOD OF USING THEREOF	WO	PCTUS201370731	
NOVEL METHOD FOR VACUUM-ASSISTED PRESERVATION OF BIOLOGICS INCLUDING VACCINES	WO	PCTUS1240230	
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND A SUBSTITUTED IMIDAZOLE, METHODS AND USES THEREOF	WO	PCT/US12/65462	
Antiparasitical Agents and Methods for Treating, Preventing and Controlling External Parasites in Animals	WO	PCT/US05/13097	
Methods for Selectively Treating Cox-2 Mediated Disorders by Administering Gamma-Tocopherol	WO	PCT/US06/06046	
Novel Oral And Long-Acting Injectable Veterinary Antibiotic Formulations	WO	PCTUS0719357	
Avipox Recombinants Expressing Foot and Mouth Disease Virus (FMDV) Genes	WO	PCT/US05/013523	
Vesicular Stomatitis Virus	WO	PCT/US07/016731	
Salmonella Vaccine	WO	PCTUS0786979	
METHOD OF PROVIDING PROTECTIVE IMMUNITY AGAINST HETEROLOGOUS LEPTOSPIRA STRAINS	WO	PCT/US13/49997	

Canine Leishmania Vaccine	WO	PCTUS0785142	
Reverse genetics Schmallenberg virus vaccine compositions, and methods of use thereof	US	14204248	
Reverse genetics Schmallenberg virus vaccine compositions, and methods of use thereof	WO	PCT/US14/23243	13690185
LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS	US	14225187	12753597
NEWCASTLE DISEASE VIRUS VECTORED AVIAN VACCINES	US	14268302	
Multiple Fluid Delivery Device For Poultry	WO	PCTUS0787997	
Dispersion Devices For Aggregates	WO	PCTUS0780958	
METHYLTHIOAMIDE AMIDO AND ARYLAZOL-2-YL-METHYLTHIOAMIDE AMIDO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	WO	PCTUS0961337	
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF	WO	PCT/US09/64443	
FORMULATIONS COMPRISING CEFTIOFUR AND BENZYL ALCOHOL	WO	PCT/US09/64978	
DIMERIC 1-ARYLPYRAZOLE DERIVATIVES	WO	PCT/US09/64981	
Vaccine Against African Horse Sickness Virus	WO	PCTUS2009061669	
ENANTIOMERICALLY ENRICHED ARYLOAZOL-2-YL CYANOETHYLAMINO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	WO	PCT/US09/64392	
INTRAMAMMARY TEAT SEALANT	WO	PCT/US09/66594	
DIMERIC AVERMECTIN AND MILBEMYCIN DERIVATIVES	WO	PCT/US09/66768	
NEWCASTLE DISEASE VIRUS VECTORED AVIAN VACCINES	WO	PCT/US10/29825	PCT/US0520033
Medium and Methods For Culturing of Avian Primordial Germ Cells	WO	057580821	
Pipette/Applicator	WO	PCT/US2005/010446	
COMPOSITIONS COMPRISING C-13 ALKOXYETHER MACROLIDE COMPOUNDS AND PHENYLPYRAZOLE COMPOUNDS	WO	PCTUS0710611	
Adjustable Animal Watering System	WO	PCT/US08/62190	
PARASITICIDAL ORAL VETERINARY COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENTS, METHODS AND USES THEREOF	WO	PCTUS1323969	13744806
Recombinant Avian Influenza Vaccine	US	14153512	

N-PHENYLPYRAZOLE DERIVATIVES AS PESTICIDES	WO	PCTEP2005006325	12618534
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF	US	13765542	
Novel methods for providing long-term protective immunity against rabies in companion animals, based upon administration of replication-deficient flavivirus expressing rabies G	WO	PCTUS1332514	
PARASITICIDAL ORAL VETERINARY COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENTS, METHODS AND USES THEREOF	US	13754969	PCT/US12/65462
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND A SUBSTITUTED IMIDAZOLE, METHODS AND USES THEREOF	US	14358309	
ATTENUATED STREPTOCOCCUS SUIS VACCINES AND METHODS OF MAKING AND USE THEREOF	US	13924871	
ATTENUATED SWINE INFLUENZA VACCINES AND METHODS OF MAKING AND USE THEREOF	US	13939321	
METHOD OF PROVIDING PROTECTIVE IMMUNITY AGAINST HETEROLOGOUS LEPTOSPIRA STRAINS	US	13939300	
ATTENUATED SWINE INFLUENZA VACCINES AND METHODS OF MAKING AND USE THEREOF	WO	PCT/US13/50000	
IMPROVED PROCESSES FOR THE PREPARATION OF 1-ARYL-5-ALKYL PYRAZOLE COMPOUNDS	WO	PCTUS1337596	
PARASITICIDAL COMPOSITIONS COMPRISING BENZIMIDAZOLE DERIVATIVES, METHODS AND USES THEREOF	WO	PCTUS1337193	14358309
COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND A SUBSTITUTED IMIDAZOLE, METHODS AND USES THEREOF	US	14493562	
Her2 DNA Vaccine as Adjunct Treatment for Cancers in Companion Animals	US	13272651	
Her2 DNA Vaccine as Adjunct Treatment for Cancers in Companion Animals	WO	PCTUS201156122	
ATTENUATED STREPTOCOCCUS SUIS VACCINES AND METHODS OF MAKING AND USE THEREOF	WO	PCT/US13/47282	

ANTHELMINTIC COMPOUNDS AND COMPOSITIONS AND METHOD OF USING THEREOF	US	14083879	
Novel methods for providing long-term protective immunity against rabies in companion animals, based upon administration of replication-deficient flavivirus expressing rabies G	US	13841383	
Modified Marekâ€™s Disease Virus, and Vaccines Made Therefrom	US	13841684	
Long-Acting Injectable Analgesic Formulations For Animals	WO	PCT/US09/51079	
Improved Inactivated FCV Vaccines	WO	PCT/US05/001721	
Improved Inactivated FCV Vaccines	WO	PCT/US06/02168	
Articular Cartilage Gene Therapy with Recombinant Vector Encoding BMP-7	WO	PCT/US08/79090	
9A-AZALIDES AS VETERINARY ANTIMICROBIAL AGENTS	WO	PCT/US98/18579	
Adjustable Dosage Syringe	WO	PCTUS07006227	
Mycoplasma Hyopneumoniae Vaccine	US	60778987	
Mycoplasma Hyopneumoniae Vaccine	WO	PCTUS07004978	
Anthelmintic Formulations	WO	PCT/US09/048482	
Solvent Systems For Pour-On Formulations For Combating Parasites	WO	PCT/US08/84884	
DNA Molecules Encoding Ligand Gated Ion Channels from Dermacentor Variabiles	WO	PCT/US01/09956	
RECOMBINANT EQUINE HERPESVIRUS-1 VACCINE CONTAINING MUTATED GLYCOPROTEIN C AND USES THEREOF	WO	PCTUS1332491	
ANTIBIOTIC-FREE PLASMID	US	12786186	
ANTIBIOTIC-FREE PLASMID	WO	PCT/US10/35979	
Attenuated Gram Negative Bacteria	WO	PCT/US03/10308	
PARASITICIDAL COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENT, METHODS AND USES THEREOF	US	13611025	
PARASITICIDAL COMPOSITIONS COMPRISING ISOXAZOLINE ACTIVE AGENT, METHODS AND USES THEREOF	WO	PCTUS1254719	
EXPRESSION OF CHIMERIC KSAC PROTEIN AND METHOD OF PRODUCING SOLUBLE PROTEIN BY HIGH PRESSURE	US	14014437	
EXPRESSION OF CHIMERIC KSAC PROTEIN AND METHOD OF PRODUCING SOLUBLE PROTEIN BY HIGH PRESSURE	WO	PCTUS1357430	12420325
Topical Formulations Comprising A 1-N Arylpyrazol Derivative and A Formamidine	US	13555546	
Recombinant CDV Compositions and uses thereof	US	13035904	

Novel Monensin Derivatives for the Treatment and Prevention of Protozoal Infections	WO	PCTUS1160913	
Leishmania Challenge Model	WO	PCTUS1160745	
COMPOSITIONS CONTAINING SYNERGISTIC AMOUNTS OF FIPRONIL AND PERMETHRIN AND A SOLVENT SYTEM FOR MAINTAINING SYNERGISTIC EFFICACY AND METHODS OF USE	WO	PCT/US13/27312	
NEWCASTLE DISEASE VIRUS VECTORED HERPESVIRUS VACCINES	WO	PCT/US11/49554	
Recombinant NDV Antigen and Uses Thereof	US	12979677	
COMPOSITIONS COMPRISING MACROCYCLIC LACTONE COMPOUNDS AND SPIRODIOXEPINOINDOLES	WO	PCT/US10/60840	
ANTIPARISITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME	WO	PCT/US10/60833	
Recombinant NDV Antigen and Uses Thereof	WO	PCT/US10/62209	
NEW VACCINE FORMULATIONS COMPRISING SAPONIN-CONTAINING ADJUVANTS	US	12878630	
HERBICIDAL COMPOSITIONS	WO	PCT/EP2001/010693	
Insecticidal 4-amino-thieno[2,3-d]-pyrimidine compounds and methods of their use	WO	PCT/US10/43717	13386202
Sustained Release Capsules	US	14274282	12640241
Energy Absorbing Container	US	12849611	
RECOMBINANT HVT VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	US	13689625	
RECOMBINANT HVT VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	WO	PCTUS1267135	
RECOMBINANT GALLID HERPESVIRUS 3 (MDV SEROTYPE 2) VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	WO	PCTUS1267123	
RECOMBINANT GALLID HERPESVIRUS 3 (MDV SEROTYPE 2) VECTORS EXPRESSING ANTIGENS OF AVIAN PATHOGENS AND USES THEREOF	US	13689572	
LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS	WO	PCTUS1267215	
Lipid Based Adjuvants for DNA Plasmids	WO	PCTUS1321015	12628085
Recombinant Avian Influenza Vaccine	US	13744806	

Long-acting nanoencapsulated arthropod repellent formulations and methods of use thereof	WO	PCT/US13/23427	
Rotavirus Subunit Vaccines and Methods of Making and Use Thereof	WO	PCTUS1326179	
Recombinant Poxviral Vectors Expressing both Rabies and OX40 Proteins, and Vaccines Made Therefrom	US	13767603	
Recombinant Poxviral Vectors Expressing both Rabies and OX40 Proteins, and Vaccines Made Therefrom	WO	PCTUS1326206	
COMPOSITIONS CONTAINING SYNERGISTIC AMOUNTS OF FIPRONIL AND PERMETHRIN AND A SOLVENT SYTEM FOR MAINTAINING SYNERGISTIC EFFICACY AND METHODS OF USE	US	13774159	
Modified Marekâ€™s Disease Virus, and Vaccines Made Therefrom	WO	PCTUS1332539	
Arylazol-2-YL Cyanoethylamide Compounds, Method of Making and Method of Using Thereof	US	60930485	
Leishmania Vaccine Using Sand Fly Salivary Immunogen	US	12436398	13296675
Leishmania Challenge Model	US	13841949	12436398
Leishmania Vaccine Using Sand Fly Salivary Immunogen	US	14069406	
Leishmania Vaccine Using Sand Fly Salivary Immunogen	US	61101345	
Leishmania Vaccine Using Sand Fly Salivary Immunogen	WO	PCTUS0942980	
PRODUCTION OF HEMAGGLUTININ-NEURAMINIDASE PROTEIN IN MICROALGAE	US	12980320	
ADJUVANT RABIES VACCINE WITH IMPROVED VISCOSITY PROFILE	US	13451667	
Multi-chamber, Multi-formulation Fluid Delivery System	US	14488968	
Multi-chamber, Multi-formulation Fluid Delivery System	WO	PCTUS1456081	
Multi-chamber, Multi-formulation Fluid Delivery System	US	61878860	13357755
Vaccine Against African Horse Sickness Virus	US	14060023	11106780
Coccidial Vaccine and Methods of Making and Using Same	US	11348084	
RECOMBINANT AVIAN PARAMYXOVIRUS VACCINE AND METHOD FOR MAKING AND USING THEREOF	US	12860589	12860589

RECOMBINANT AVIAN PARAMYXOVIRUS VACCINE AND METHOD FOR MAKING AND USING THEREOF	US	13894582		
REASSORTANT BTV AND AHSV VACCINES	US	61659198		
REASSORTANT BTV AND AHSV VACCINES	US	13917259		
REASSORTANT BTV AND AHSV VACCINES	WO	PCT/US13/45667		
Indirect Modeling of New Repellent Molecules Active Against Insects, Acarids, and other Anthropods	US	61538425		
Indirect Modeling of New Repellent Molecules Active Against Insects, Acarids, and other Anthropods	WO	PCTUS1256690		
INJECTABLE PARASITICIDAL FORMULATIONS OF LEVAMISOLE AND MACROCYCLIC LACTONES	US	61333882		
Sustained Release Capsules	WO	PCT/NZ/2010/000146		9673801
Processes For Preparing Pesticidal Intermediates	US	10120479		
Arylazol-2-YL Cyanoethylamide Compounds, Method of Making and Method of Using Thereof	WO	08769452.7	PCT/EP1999/002834	
Processes For Preparing Pesticidal Intermediates	US	09673801		
Processes For Preparing Pesticidal Intermediates	WO	PCT/EP1999/002834		
Compositions and Methods For Controlling Insects	WO	PCT/EP99/09277		
Pesticidal Compounds and Compositions	US	09/796,651	PCT/EP2000/001101	
NEW PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	US	09890653		
Controls of Arthropods in Animals	US	60/111,857		
Controls of Arthropods in Animals	WO	PCT/EP99/10452		
PLANTING APPARATUS WITH IMPROVED LIQUID PESTICIDE DELIVERY DEVICE AND RELATED METHOD FOR DELIVERING LIQUID PESTICIDE	US	09396332		9890653
NEW PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	US	10621344		
NEW PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	WO	PCT/EP2000/001101	PCT/EP03/08212	
Process For the Preparation of Phenyl Pyrazole Compounds	US	10519823		10519823
Process For the Preparation of Phenyl Pyrazole Compounds	US	11529051	PCT/EP00/03103	
Processes for Preparing Pesticidal Intermediates	US	09937816		

The Use of 6-Halogeno-[1,2,4]-Triazolo-[1,5a]-Pyrimidine Compounds For Combating Pests In and On Animals	US	61016091		
The Use of 6-Halogeno-[1,2,4]-Triazolo-[1,5a]-Pyrimidine Compounds For Combating Pests In and On Animals	WO	PCT/EP2008/067326		10621344
NEW PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	US	11129837		10120479
Processes For Preparing Pesticidal Intermediates	US	10703417		8815848
PROCESS FOR PREPARING PYRAZOLE DERIVATIVES	US	09249798		
NOVEL PROCESS FOR THE PREPARATION OF A SYNTHETIC INTERMEDIATE FOR PESTICIDES	WO	PCT/EP2003/013340		
INSECTICIDAL METHODS USING 4-AMINO-5-CHLORO-THIENO [2,3-D]-PYRIMIDINE COMPOUNDS	WO	PCT/EP2007/054717		
PROCESS FOR PREPARING PYRAZOLE DERIVATIVES	WO	PCT/EP1998/001226		
METHOD FOR PREPARING POLYHALOGENATED PARATRIFLUOROMETHYLANILINES	WO	PCT/FR1999/003090		
6-HALOGENO-[1,2,4]TRIAZOLO[1,5-A]PYRIMIDINES FOR COMBATING ANIMAL PESTS	WO	PCT/EP2004/010132		
Process For the Preparation of Phenyl Pyrazole Compounds	WO	PCT/EP03/08212		
Processes for Preparing Pesticidal Intermediates	WO	PCT/EP00/03103	PCT/EP2008/067326	
The Use of 6-Halogeno-[1,2,4]-Triazolo-[1,5a]-Pyrimidine Compounds For Combating Pests In and On Animals	US	12809572		
N-PHENYLPYRAZOLE DERIVATIVES AS PESTICIDES	WO	PCTEP2005006324	PCTEP2005006324	
N-PHENYLPYRAZOLE DERIVATIVES AS PESTICIDES	US	11615668		
Substituted Propargylamines	US	10/225,354	10/225,354	
Substituted Propargylamines	US	11/391,077		
INSECTICIDE COMPOSITION	WO	PCT/EP02/12188		
NEW PROCESSES FOR PREPARING PESTICIDAL INTERMEDIATES	WO	PCT/EP1997/001036	PCTEP2005006323	
PESTICIDAL COMPOUNDS	US	11615656		
PESTICIDAL COMPOUNDS	WO	PCTEP0506323		
PORTABLE APPLICATOR FOR FLOWABLE MATERIALS	US	09/021724		
Pesticidal Agents on the basis of 1-aryl-aminopyrrol	WO	PCTEP0506326		

1-ARYLPYRAZOLE DERIVATIVES PESTICIDAL AGENTS	WO	PCTEP2005006322
5-Aminoalkylpyrazole Derivatives as Pesticidal Agents	WO	PCTEP0502277
5-Substituted-Alkylaminopyrazole Derivatives as Pesticides	US	10506356
Vinylaminopyrazole Derivatives as Pesticides	WO	PCTEP05010403
Pesticidal 1-Ayl-3-Amidoxime-Pyrazole Derivatives	WO	2004 050633
Pesticidal 5-Substituted-Oxyalkylamino-a-Arylpyrazole Derivatives	WO	PCT04009378
Pesticides	WO	PCT04009376
PLANT PROTECTION COMPOSITIONS AND USE THEREOF	WO	PCT/EP2005/000959
PRODUCTION OF HEMAGGLUTININ-NEURAMINIDASE PROTEIN IN MICROALGAE	WO	PCT/US2010/062274
Vaccines Comprising A Tick Cement Protein	US	10/280114
Tissue Cement Proteins From Rhipicephalus Appendiculatus	US	09554547
DNA ENCODING GLUTAMATE GATED CHLORIDE CHANNELS	WO	PCTUS9606035
DNA ENCODING GLUTAMATE GATED CHLORIDE CHANNELS	US	435,933
DNA MOLECULES ENCODING LIGAND-GATED ION CHANNELS FROM DROSOPHILA MELANOGASTER	WO	PCT/US2001/006096
DNA MOLECULES ENCODING LIGAND-GATED ION CHANNELS FROM DROSOPHILA MELANOGASTER	US	10204029
NOVEL PROCESS FOR THE PREPARATION OF 9-D EOXO-9(Z)-HYDROXIMINOERYTHROMYEIN A	US	07669809
DNA ENCODING GLUTAMATE GATED CHLORIDE CHANNELS	US	08249112
Cyclic GMP Dependent Protein Kinase as a Chemotherapeutic Target for Antiprozoal Agents	WO	US00/09611
Cyclic GMP Dependent Protein Kinase as a Chemotherapeutic Target for Antiprozoal Agents	US	09/521,511
Cyclic GMP Dependent Protein Kinase as a Chemotherapeutic Target for Antiprozoal Agents	US	10/348,155
DNA Encoding Novel Cyclic GMP Dependent Protein Kinase From Two Protozoal Sources For Use as Chemotherapeutic Targets for Antiprotozoal Agents	WO	US02/040527

Anthelmintic Flavones From Struthiola Argenta	US	60879463		
Antiprotozoal Imidazopyridine Compounds	US	60452467		
Antiprotozoal Imidazopyridine Compounds	WO	PCT/US04/006153		
Anthelmintic Macrolactams From Nonmuraea Turkmeniaca MA7364	US	60881412		
Anthelmintic Macrolactams From Nonmuraea Turkmeniaca MA7364	WO	PCT/US08/00616		
Compositions and Methods of Preventing or Reducing The Risk or Incidence of Skeletal Injuries in Horses	US	60/219668		
Compositions and Methods of Preventing or Reducing The Risk or Incidence of Skeletal Injuries in Horses	US	09902913		9902913
Compositions and Methods of Preventing or Reducing The Risk or Incidence of Skeletal Injuries in Horses	US	10646593		
Compositions and Methods of Preventing or Reducing The Risk or Incidence of Skeletal Injuries in Horses	WO	PCTUS0122470		
Method for Inhibiting Dental Resorptive Lesions	US	60108576		
Method for Inhibiting Dental Resorptive Lesions	US	09436585		
Method for Inhibiting Dental Resorptive Lesions	WO	PCTUS99/26719		
Method for Treating Arthritic Conditions in Dogs	US	60568525		
Method for Treating Arthritic Conditions in Dogs	WO	PCT/US05/015187	PCT/US05/015187	
Method for Treating Arthritic Conditions in Dogs	US	11579302		
Recombinant and Native Group B Eimeria Tenella Immunogens Useful as Coccidiosis Vaccines	US	08/458,590		
DNA Molecules Encoding L-Glutamate-Gated Chloride Channels from Rhipicephalus sanguineus	US	60/193,934		
DNA Molecules Encoding L-Glutamate-Gated Chloride Channels from Rhipicephalus sanguineus	WO	PCT/US01/09905		
9A-AZALIDES AS VETERINARY ANTIMICROBIAL AGENTS	US	09/150,161		
Insects Cells or Fractions as Adjuvants for Antigens	WO	PCTUS9823472		

Insects Cells or Fractions as Adjuvants for Antigens	US	08965698		
CpG Formulations and Related Methods	WO	PCT/EP02/11206		
New Method of Combating Insect Eggs	US	09/145,270	PCT/EP1998/001057	
PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	US	09388524		9388524
PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	US	09572948		
PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES	WO	PCT/EP1998/001057		
EMULSIFIABLE COMPOSITION FOR THE CONTROL OF INSECTS	WO	PCT/EP1995/004684		
Emulsifiable Composition For rhe Control of Insects	WO	PCT/EP1995004686		
NEW PESTICIDES	US	60008913		
Pesticidal Sulfur Compounds	US	08/464,372		435362
PYRROL DERIVATIVES, INSECTOACARICIDAL COMPOSITIONS ON THE BASIS THEREOF AND A METHOD OF INSECTS AND MITES CONTROL	US	533470		533470
PYRROL DERIVATIVES, INSECTOACARICIDAL COMPOSITIONS ON THE BASIS THEREOF AND A METHOD OF INSECTS AND MITES CONTROL	US	08016102		
PESTICIDAL 1-ARYL-3-IMINOPYRAZOLES	WO	PCT/EP98/01764		
Concentrated Compositions of Active Substances In Agriculture	US	09/288,997		8588839
Pesticidal Sulfur Compounds	US	08973520		8973520
Pesticidal Sulfur Compounds	US	09273750		8973520
Pesticidal Sulfur Compounds	US	09273745		
Pesticidal 1-Aryl-5-(Substituted Alkylideneimino) Pyrazoles	US	693580		790449
Pesticidal 1-Aryl-5-(Substituted Alkylideneimino) Pyrazoles	US	842431		
Pesticidal 1-Arylpyrazoles	WO	PCT/EP1997/007117		10060229
Pesticides	US	10238902		
Pesticides	US	08946648		8946648
Pesticides	US	09440849		8946648
Pesticides	US	09440850		9440850
Pesticides	US	09930946		9930946
Pesticides	US	10060229		71163
PESTICIDAL 1-ARYL-5-(SUBSTITUTED N-CINNAMYLIDENEIMINO) PYRAZOLES	US	08144262		8946132
PYRAZOLE PESTICIDES	US	09404809		
PESTICIDAL 1-ARYLPYRAZOLES	US	08946054		
BORANES				

METHYLTHIOAMIDE AMIDO AND ARYLAZOL-2-YL-METHYLTHIOAMIDE AMIDO COMPOUNDS, METHOD OF MAKING AND METHOD OF USING THEREOF	US	61107114	GB02298040	
AVERMECTIN B1 AND AVERMECTIN B1 MONOSACCHARIDE DERIVATIVES HAVING AN ALKOXYMETHYL SUBSTITUENT IN THE 4"-OR 4'-POSITION	US	10539274		10539274
AVERMECTIN B1 AND AVERMECTIN B1 MONOSACCHARIDE DERIVATIVES HAVING AN ALKOXYMETHYL SUBSTITUENT IN THE 4"-OR 4'-POSITION	US	12768280		
AVERMECTIN AND AVERMECTIN MONOSACCHARIDE SUBSTITUTED IN THE 4"-AND 4'-POSITION RESPECTIVELY	US	10599671		
DERIVATIVES OF AVERMECTIN, AVERMECTIN MONOSACCHARIDE AND AVERMECTIN AGLYCONE	US	11574588		
AVERMECTINS AND AVERMECTIN MONOSACCHARIDES SUBSTITUTED IN THE 4'-AND 4"-POSITION HAVING PESTICIDAL PROPERTIES	US	10544281		
AVERMECTIN B1 DERIVATIVES HAVING AN AMINOSULFONYLOXY SUBSTITUENT IN THE 4"-POSITION	US	10/498858		
AVERMECTIN AND AVERMECTIN MONOSACCHARIDE DERIVATIVES SUBSTITUTED IN THE 4'"-OR 4'-POSITION HAVING PESTICIDAL PROPERTIES	US	10543637		
AVERMECTIN MONOSACCHARIDE DERIVATIVES SUBSTITUTED IN THE 4'-POSITION HAVING PESTICIDAL PROPERTIES	US	10/543,643		
Coccidial Vaccine and Methods of Making and Using Same	US	60/432,298		
Immunological Compositions Containing Attenuated Histophilus somni	US	61970195		
PARASITICIDAL COMPOSITIONS COMPRISING INDOLE DERIVATIVES, METHODS AND USES THEREOF	US	62014245		
Topical Anthelmintic Veterinary Formulations	US	60/460,627		
Method for Improving Efficiencies in Livestock Production	US	60/466,523		

Parasiticidal Compositions Comprising Multiple Active Agents, Methods and Uses Thereof	WO	PCTUS1130930	
Topical Formulations Comprising A 1-N Arylpyrazol Derivative and A Formamidine	US	60/530,525	
DIMERIC 1-ARYLPYRAZOLE DERIVATIVES	US	61116021	
FORMULATIONS COMPRISING CEFTIOFUR AND KETOPROFEN	US	61119764	
DIMERIC AVERMECTIN AND MILBEMYCIN DERIVATIVES	US	61119761	
Process for the Preparation of 5-Alkylthioethylamino-a-Phenyl-Pyrazoles	WO	PCT/EP/2006/003771	
Leptin and Growth Hormone Receptor Gene Markers Associated with Rearing and Carcass Traits in Cattle	US	60/836854	
Apparatus and methods for labeling vials or ampoules stored at temperatures as low as -200 Â°C	US	62072695	
ANTHELMINTIC DEPSIPEPTIDE COMPOUNDS	US	62163997	
HAEMOPHILUS PARASUIS VACCINE SEROVAR TYPE FOUR	US	61886991	
Dissolution of hydrophobic API, including avermectins with or without other API such as pyrantel, from a complicated matrix dosage form	US	62058450	
Selective Embryonic Structure Targeting and Substance Delivery Device	US	61891915	
PARASITICIDAL COMPOSITIONS COMPRISING FIPRONIL AND METHOPRENE SPOT-ON FORMULATION HAVING A HIGH FIPRONILCONCENTRATION	US	62073190	PCT/US01/009955
Dermacentor Variabilis GABA Gated Chloride Channels	US	10239956	
Novel dicyclanil-based shelf stable aqueous suspension and non-aqueous solution pour-on and spray-on formulations useful for the prevention and treatment of insect infestation in animals	US	12886834	
RECOMBINANT AVIAN PARAMYXOVIRUS VACCINE AND METHOD FOR MAKING AND USING THEREOF	WO	PCT/US10/46179	
METHOD FOR PRODUCING AND PURIFYING TRIFLUOROMETHANESULFINIC ACID	WO	PCT/EP2009/062484	

Method for producing the Flu Virus	US	61063659
Method for producing the Flu Virus	US	12238740
Method for producing the Flu Virus	WO	PCT/FR2008/051730
"(S)-ENANTIOMER ENRICHED FIPRONIL COMPOSITION"	US	09/550312
MALONONITRILE COMPOUNDS	WO	PCTEP2006069686
MALONONITRILE COMPOUNDS	US	12158507

ACUERDO DE CESIÓN

La presente Cesión se celebra entre

Merial Limited

una compañía limitada por acciones registrada en Inglaterra y Gales (número de registro 3332751), con oficinas registradas en PO Box 327, Sandringham House, Sandringham Avenue, Harlow Business Park, Harlow, Essex CM19 5QA, Inglaterra y domiciliada en Delaware, E.E.U.U. como Merial LLC con oficinas en 3239 Satellite Boulevard, Duluth, Georgia 30096.

en adelante conocida como "**Cedente**"

y

Merial, Inc.

una compañía de Georgia, con sede principal en 3239 Satellite Boulevard, Bldg. 500, Duluth, Georgia 30096 E.E.U.U., en su propio nombre y de cualquiera de sus subsidiarias y/o Filiales,en adelante conocida como "**MERIAL**"

siendo el propietario de ciertas mejorías en la solicitud internacional indicada en el Adjunto "A", por contraprestación válida y onerosa, cuyo recibo y suficiencia se reconoce por la presente, por medio de la presente el Cedente cede a favor de **MERIAL**, sus sucesores y cesionarios (1) la totalidad de los derechos, títulos e intereses en todos los países del mundo en y para todas y cualquiera de las invenciones y descubrimientos en las solicitudes de patente de utilidades de los Estados Unidos y las Solicitudes de Patente Internacionales presentadas bajo el Tratado de Cooperación de Patentes en la Oficina Receptora de Estados Unidos (RO/US), que designa todos los países/estados miembros del PCT, así como cualquier renovación, restablecimiento, reemisión, reexaminación, extensión, continuación y división de la misma, y cualquier solicitud substituta resultante de la misma; (2) el pleno y total derecho a presentar solicitudes de patente a nombre de **MERIAL**, o de la persona designada de su elección, sobre las invenciones,

descubrimientos y solicitudes antes mencionados en cualquier país del mundo; (3) la totalidad de los derechos, títulos e intereses en y para todos y cualquier Título Patente que pueda ser emitido sobre las invenciones, descubrimientos y solicitudes antes mencionados en cualquier país del mundo y cualquier renovación, restablecimiento, reemisión, reexaminación y extensión de las mismas y cualquier patente de confirmación, registro e importación de las mismas; y (4) la totalidad de los derechos, títulos e intereses en y para todos los Derechos de Convenciones y Tratados de todo tipo, incluyendo mas no limitado a todos los derechos e prioridad en cualquier país del mundo, en y para la(s) solicitud(es) de prioridad.

El Cedente declara que es propietario de los derechos de propiedad intelectual, tales como patentes, solicitudes de patente, certificados de protección complementarios, solicitudes de certificados de protección complementarios, modelos de utilidad o patentes de diseño que figuran en el adjunto, y por medio de la presente declara que cede dichos derechos de propiedad intelectual y la totalidad de sus derechos, títulos e intereses en y para dichos derechos de propiedad intelectual a favor de **MERIAL**, junto con todos los derechos de acción, poder y beneficios pertenecientes o devengados que surjan de los mismos, incluyendo el derechos a iniciar procesos de indemnización por daños y exigir cualquier otro tipo de reparación por cualquier acto de infracción de los mismos, ya sea que dichos actos hayan sido cometidos antes o después de la fecha de la presente cesión. Por medio de la presente, **MERIAL** declara que acepta dicha cesión.

El Cedente acepta, además, que el cambio de titularidad quede registrado en los registros oficiales de la Oficina de Patentes.

Fecha: 2 de febrero de 2015
MERIAL, INC.

(firma ilegible)
Christian Schwerd, Esq.
Director
Secretario de la compañía

Fecha: 2 de febrero de 2015
MERIAL LIMITED

(firma ilegible)
Dr. Judy Jarecki-Black, Esq.
Director general, Propiedad Intelectual
Secretario adjunto para patentes

Adjunto: Derechos de Propiedad Intelectual - Anexo

Título de la invención	País	Número de solicitud	No. PCT parental
COMPOSICIONES PARASITICIDAS QUE COMPRENDEN DERIVADOS DE BENZIMIDAZOL, MÉTODOS Y USOS DE LOS MISMOS	US	61/533,308	

HRN\HRN\ID-429195\WPC14306

21039

CAVELIER
ABOGADOS
EDIFICIO SISKI
CARRERA 4a N° 72-35
BOGOTA, 8 – COLOMBIA

REPRESENTACION

Yo (nosotros), abajo firmado (s)/I (we), the undersigned

MERIAL INC.

domiciliado (s) en/of 3239 Satellite Blvd., Duluth, Georgia 30096

Por el presente nombramos a CAVELIER ABOGADOS, sociedad colectiva constituida de conformidad con las leyes de la República de Colombia, mediante Escritura Pública No. 6233 del 10 de septiembre de 1974, otorgada en la Notaría Sexta del Círculo de Bogotá, domiciliada en Bogotá D.C., con matrícula mercantil No. 00820237 y NIT 860041367-3, domiciliada en la Carrera 4a N° 72-35, Bogotá, Colombia, como nuestra representante en todos los asuntos de Propiedad Industrial, con facultad para recibir notificaciones y nombrar apoderados judiciales o extrajudiciales.

CAVELIER ABOGADOS también podrá representarnos, con las mismas facultades arriba indicadas, ante cualesquiera entidades o personas, ejerzan o no jurisdicción, autoridades administrativas o jurisdiccionales, tribunales de arbitramento, en asuntos de naturaleza civil, comercial, penal, constitucional, competencia, competencia desleal, administrativa, contencioso administrativa, protección del consumidor, variedades vegetales, nombres de dominio, oposiciones u observaciones, cancelación administrativa y judicial, nulidad, medidas cautelares, concesión de licencias, acciones de tutela, la protección de secretos industriales, derecho regulatorio y en general para que nos represente en cualesquiera acciones y procesos que promovamos o se nos promuevan.

REPRESENTATION

Do hereby appoint CAVELIER ABOGADOS, a general partnership organized under the laws of the Republic of Colombia by means of Public Deed No. 6233 of September 10, 1974, granted at Notary Sixth of the Bogota Circuit, domiciled in Bogota D.C., with Mercantile Registration No. 00820237 and Taxpayer Identification Number 860041367-3, domiciled at Carrera 4a N° 72-35, Bogota, Colombia, as our representative for all Industrial Property matters with faculty to receive notifications and appoint attorneys in and out of Court.

CAVELIER ABOGADOS may also represent us, with the same faculties stated above, before any entities or persons, with or without jurisdiction, administrative or jurisdictional authorities, courts of arbitration, in civil, commercial, criminal, constitutional, competition, unfair competition, administrative, administrative contentious, consumer protection, plant varieties, domain names, opposition or observation matters, administrative and Court cancellation, nullity, precautionary measures, licensing, action for writ mandamus, protection of trade secrets, regulatory law and in general represent us in any actions and suits instituted by us or against us.

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La representante podrá, en nuestro nombre, designar apoderados para actuar ante autoridades administrativas y judiciales, por vía extrajudicial y también procesalmente en nuestro nombre, como demandantes, como demandados, como litisconsortes, como agentes oficiosos, como terceros, por llamamiento en garantía o como intervinientes ad excludendum. Dentro de esta autorización, la representante podrá facultar a los apoderados que ella designe para transigir, conciliar, admitir los hechos del proceso, desistir, cancelar, recibir, renunciar y sustituir el poder que se le otorgue. Así mismo, la representante tendrá la facultad para revocar el poder así otorgado en el momento que considere pertinente. La representante en todo caso podrá ratificar los actos de agentes oficiosos.

The representative may, in our name, designate attorneys to act before administrative and judicial authorities, through out-of-court channels, and also procedurally in our name as plaintiff, defendant, joint litigant, representative without power of attorney, third party, when summoned to appear in court or as intervener ad excludendum. Under this authorization, the representative may empower the attorneys appointed thereby to compromise, conciliate, admit the facts of the case, desist, cancel, receive, resign and substitute the power of attorney granted thereto. Likewise, the representative shall have the faculty of revoking the power of attorney thus granted at any time it may deem convenient. The representative may in any case ratify the acts of representatives without a power of attorney.

Dado y firmado hoy/Given and signed this March 23, 2015

En/in Duluth, Georgia

Por/by Judy Jarecki-Black,Ph.D.,J.D.
Assistant Secretary

Firma/Signature

© CAVELIER ABOGADOS

Señor Director

DIRECCIÓN DE NUEVAS CREACIONES

Superintendencia de Industria y Comercio

E. S. D.

Asunto :Solicitud de patente para **COMPOSICIONES INSECTICIDAS VETERINARIAS QUE COMPRENDEN FIPRONIL Y UN IMIDAZOL SUSTITUIDO**
Expediente No. 14.115.927

Solicitante :**MERIAL INC.**

Yo, ADRIANA ZAPATA GIRALDO mayor de edad, vecina de esta ciudad, identificada con cédula de ciudadanía No. 51.680.061 de Bogotá, en mi calidad de representante legal de la sociedad CAVELIER ABOGADOS domiciliada en la Carrera 4 No. 72-35, en desarrollo de la representación que le fue otorgada por **MERIAL INC.**, confiero poder a los doctores LUZ CLEMENCIA DE PAEZ, identificada con cédula de ciudadanía No. 35.456.344 de Usaquén, portadora de la Tarjeta Profesional No. 23.555, JORGE CHAVARRO ARISTIZABAL, identificado con la cédula de ciudadanía No. 16.209.380 de Cartago (Valle), portador de la Tarjeta Profesional No. 40.119 y EDNA DARMELY SARMIENTO CHARRY identificada con la cédula de ciudadanía No. 52.006.265 de Bogotá, portadora de la Tarjeta Profesional No. 65.794, para presentar la solicitud de anotación del traspaso de la patente indicada en la referencia y realizar todas las demás actuaciones necesarias dentro del presente tramite.

Los apoderados quedan facultados para interponer recursos, transigir, conciliar, desistir, cancelar, recibir, renunciar, sustituir y revocar las sustituciones, y ratificar los actos de agentes oficiosos.

Señor Director,

ADRIANA ZAPATA GIRALDO
C.C. No. 51.680.061 de Bogotá

Acepto:

LUZ CLEMENCIA DE PAEZ
T.P.A. No. 23.555 del C.S. de la J
C.C. No. 35.456.344 de Usaquén

MMS\SDC\COLO-21839-843-004-9