

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM300232

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
MOFA GROUP LLC		02/28/2014	LIMITED LIABILITY COMPANY: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	JPMORGAN CHASE BANK, N.A.		
<b>Street Address:</b>	200 West College Avenue		
<b>City:</b>	Appleton		
<b>State/Country:</b>	WISCONSIN		
<b>Postal Code:</b>	54911		
<b>Entity Type:</b>	National Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 12</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	85654520	ANDROPRO	
<b>Serial Number:</b>	85929207	APX2	
<b>Serial Number:</b>	85944764	BOVIPRO	
<b>Serial Number:</b>	76363722	CRYOGUARD	
<b>Serial Number:</b>	76363723	ENDURAGUARD	
<b>Serial Number:</b>	76363724	EQUIPRO	
<b>Serial Number:</b>	74703323	MINIFLUSH	
<b>Serial Number:</b>	85929193	MOFA	
<b>Serial Number:</b>	78300238	SPERM VISION	
<b>Serial Number:</b>	75299274	SPERMNOTES	
<b>Serial Number:</b>	78370402	SPERMNOTES	
<b>Serial Number:</b>	77177847	VIPIG	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	414-298-1000		
<b>Email:</b>	tadmin@reinhardtllaw.com		
<b>Correspondent Name:</b>	Daniel E. Kattman		
<b>Address Line 1:</b>	1000 N Water St.		
		<b>TRADEMARK</b>	

CH \$315.00 85654520

**Address Line 2:** Suite 1900  
**Address Line 4:** Milwaukee, WISCONSIN 53202

**ATTORNEY DOCKET NUMBER:** 049362-0001

**NAME OF SUBMITTER:** DANIEL E. KATTMAN

**SIGNATURE:** /dek/

**DATE SIGNED:** 04/03/2014

**Total Attachments: 20**

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## NOTICE OF SECURITY INTEREST IN TRADEMARKS

THIS NOTICE OF SECURITY INTEREST IN TRADEMARKS is by and between MOFA GROUP LLC, a Delaware limited liability company (the "Company") and JPMORGAN CHASE BANK, N.A., as Administrative Agent under the Security Agreement referred to below (the "Administrative Agent").

The parties acknowledge the following:

A. The Company has executed a Pledge and Security Agreement dated as of March 19, 2013, as amended to date (as so amended, the "Security Agreement"), in favor of the the Administrative Agent.

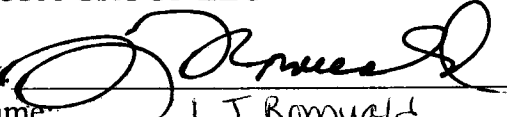
B. The Company has adopted, used and are using the trademarks (the "Trademarks") listed on Exhibit A attached hereto, which Trademarks are registered with the United States Patent and Trademark Office.

C. Pursuant to the Security Agreement, the Company has granted to the Administrative Agent a security interest in and to all of its Trademarks, service marks, applications therefor and associated goodwill therein, now owned or from time to time after the date hereof owned or acquired by the Company, and in and to all proceeds and benefits thereof.

[Signature page follows.]

Dated as of February 29, 2014.

MOFA GROUP LLC

By:   
Name: LJ Romuald  
Title: Secretary/Treasurer

Address:

~~419 Venture Court~~ 117 E. Green Bay Street  
~~Verona, WI 53593~~ PO Box 469  
Shawano WI 54166

JPMORGAN CHASE BANK, N.A., as  
Administrative Agent

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Address:

200 West College Avenue  
Appleton, WI 54911

Dated as of February 28, 2014.

MOFA GROUP LLC

By: \_\_\_\_\_


Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address:

419 Venture Court  
Verona, WI 53593

JPMORGAN CHASE BANK, N.A., as  
Administrative Agent

By:  \_\_\_\_\_

Name: JUSTIN EVANS

Title: AUTHORIZED SIGNER

Address:

200 West College Avenue  
Appleton, WI 54911

EXHIBIT A

EXHIBIT A

TRADEMARKS

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
ANDROPRO	Brazil		7/3/12		03/05/13	05 Int.: Semen extender and storage medium used in the artificial insemination process for long term storage of the semen of animals	N/A	PUBLISHED	
ANDROPRO	Canada	1,583,275	06/18/12			05 Int.: Semen extender and storage medium used in the artificial insemination process for long term storage of the semen of animals	ITU	PENDING	
ANDROPRO	Madrid Protocol: Australia	A0030430	06/21/12	1128268	06/21/12	05 Int.: Semen extender and storage medium used in the artificial insemination process for long term storage of the semen of animals	N/A	REGISTERED	Protection granted
	Madrid Protocol: China								Protection granted
	Madrid Protocol: European Union								Protection granted
	Madrid Protocol: Russian Federation								Response to refusal due: 1/31/14
ANDROPRO	Mexico	M1286340	06/26/12	1387577	07/31/13	05 Int.: Semen extender and storage medium used in the artificial insemination process for long term storage of the semen of animals		Granted Protection 7/31/13	
ANDROPRO	United States	85/654,520	6/18/12	4,300,627	03/12/13	05 Int.: Semen extender and storage medium used in the artificial insemination process for long term storage of the semen of animals	6/6/2012	REGISTERED	
ANDROSEP	US common law					Stallion Semen colloidal centrifugation medium	10/31/2013	UNFILED	Unfiled common law mark

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
APX2	Argentina	3248571	05/23/13			01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	published in the Official Gazette No. 3624 on August 28, 2013
APX2	Argentina	3248573	05/23/13			05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	published in the Official Gazette No. 3624 on August 28, 2013
APX2	Brazil	840522177	05/21/13			01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	Published 10/8/13
APX2	Brazil	840522088	05/21/13			05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	Published 10/8/13
APX2	Canada	1,627,594	05/21/13			01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells 05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	3/10/2009	PENDING	
APX2	Chile	1.059.589	05/28/13			01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	
APX2	Chile	1.059.592	05/28/13			05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
APX2	Madrid Protocol: Russia		05/17/13			01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells 05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING Ex-Officio examination completed for European Union  Ex-Officio examination completed for Australia	
	Madrid Protocol: Australia								
	Madrid Protocol: China								
	Madrid Protocol: European Union								
APX2	Mexico	1375363	05/21/13		8/9/13	01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells	2/14/2008	PENDING	Answer to OA filed 9/5/13
APX2	Mexico	1375365	05/21/13	1389204	8/9/13	05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells other than for medical and veterinary use 05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells for medical and veterinary use	2/14/2008	REGISTERED	



TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
APXZ	United States	85/929,207	05/10/13	4,461,803	1/07/14	01 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells other than for medical and veterinary use  05 Int.: Culture, storage and dilution medium for maintaining the life, maximizing the viability, and assisting in gender selection of animal semen, oocytes, embryos, stem cells and other biological cells for medical and veterinary use	11/6/2008	OA issued based on recitation of goods; response filed; notice of publication issued on 10/22/13. REGISTERED	
BOVIPRO	United States	85/944,764	05/29/13	4,445,027	12/24/13	01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells other than for medical and veterinary use.  05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process for medical and veterinary use.	05/17/04	REGISTERED	Mindi reported application filed on 5/29/13; potential infringement issue with Nidacon.  Notice of publication issued 10/8/13
BOVIPRO	Brazil					01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells other than for medical and veterinary use  05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells for medical and veterinary use; semen extender and storage media used in the artificial insemination process for medical and veterinary use			
BOVIPRO	Canada	16151370	11/12/13			Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells other than for medical and veterinary use; culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells for medical and veterinary use; semen extender and storage media used in the artificial insemination process for medical and veterinary use		PENDING	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
CAPRIPO	United States						N/A	Waiting until use commences to file application.	Potential infringement issue with Nidacon.
CANIPRO	US common law					Canine semen extender	01/19/2005	UNFILED	Unfiled common law mark
COOLGUARD	US common law					Enhancement to different semen extenders (e.g. BoviPro, EquiPro)	06/27/2013	UNFILED	Unfiled common law mark
CRYOGUARD	Argentina	2,383,313	07/26/02	1,971,325	02/20/04	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	N/A	REGISTERED	
CRYOGUARD	Australia	920521	07/19/02	920521	01/14/03	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	N/A	REGISTERED	
CRYOGUARD	Canada	1,147,468	07/19/02	TMA629,220	01/04/05	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	12/2/2004	REGISTERED	
CRYOGUARD	European Community: Austria	2809366	07/23/02	2809366	09/10/04	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	N/A	REGISTERED	
	European Community: Benelux								
	European Community: Germany								
	European Community: Denmark								

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
	European Community: Spain								
	European Community: Finland								
	European Community: France								
	European Community: United Kingdom								
	European Community: Greece								
	European Community: Ireland								
	European Community: Italy								
	European Community: Portugal								
	European Community: Sweden								
CRYOGUARD	Mexico	558,196	07/26/02	785272	03/27/03	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	Not Listed	REGISTERED	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
CRYOGUARD	United States	76/363,722	01/28/02	2,765,312	09/16/03 Renewed: 9/16/13	05 Int.: Culture and dilution medium as used in artificial insemination and embryo transfer of mammals.	10/1/2002	REGISTERED	Renewal due 9/16/2023
ENDURAGUARD	Canada	1,147,466	07/19/02	TMA597,227	12/11/03	05 Int.: Culture and dilution medium as used in the artificial insemination, in-vitro fertilization and embryo transfer of mammals.	2/28/2002	REGISTERED	
ENDURAGUARD	United States	76/363,723	01/28/02	2,795,647	12/16/03 Renewed: 12/16/13	05 Int.: Culture and dilution medium as used in the artificial insemination, in-vitro fertilization and embryo transfer of mammals, exclusive of human use.	2/25/2002	REGISTERED	
EQUIPRO	Argentina	2,383,315	07/26/02	1,971,327	02/20/04	05 Int.: Culture and dilution medium as used in the artificial insemination and in-vitro fertilization and embryo transfer of horses.	N/A	REGISTERED	
EQUIPRO	Australia	920355	07/18/02	920355	12/03/02	05 Int.: Culture and dilution medium as used in the artificial insemination and in-vitro fertilization and embryo transfer of horses.	N/A	REGISTERED	
EQUIPRO	Canada	1,147,467	07/19/02	TMA597,469	12/15/03	05 Int.: Culture and dilution medium as used in the artificial insemination and in-vitro fertilization and embryo transfer of horses.	4/18/2002	REGISTERED	
EQUIPRO	United States	76/363,724	01/28/02	2,728,049	06/17/03 Renewed: 6/17/13	05 Int.: Culture and dilution medium as used in the artificial insemination and in-vitro fertilization and embryo transfer of horses.	4/18/2002	REGISTERED	RENEWED 6/14/13
HERDIVISION	US common law					Embryo transfer management software	12/24/2009	UNFILED	Unfiled common law mark
MAVIC	US common law					Canine insemination catheter	03/21/2008	UNFILED	Unfiled common law mark
MINIFLUSH	United States	74/703,323	07/19/95	2,034,996	2/4/97 Renewed: 2/4/07	10 Int.: EMBRYO COLLECTION, SEPARATION AND RECOVERY SYSTEM, COMPRISING, FILTER, FLUID FLOW CONTROL MECHANISM AND SEARCHING AND CULTURE DISH, USED IN THE EMBRYO TRANSFER PROCESS FOR PIGS, CATTLE, HORSES AND OTHER ANIMALS	5/5/1992	REGISTERED	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Argentina	3249885	05/29/13			01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	Priority document filed, awaiting publication
MOFA	Argentina	3249884	05/29/13			05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants	N/A	PENDING	Priority document filed, awaiting publication
MOFA	Argentina	3249882	05/29/13			09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells	N/A	PENDING	Published 9/4/13
MOFA	Argentina	3249883	05/29/13			10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles	N/A	PENDING	Published 9/4/13
MOFA	Brazil	840527292	05/27/13			01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	PENDING	Published 10/8/13

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Brazil	840527314	05/27/13			05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants	N/A	PENDING	Published 10/8/13
MOFA	Brazil	840527276	05/27/13			09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells	N/A	PENDING	Published 10/8/13
MOFA	Brazil	840527349	05/27/13			10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles		PENDING	Published 10/8/13

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Canada	1,627,679	05/22/13			<p>01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells</p> <p>05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants</p> <p>09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells</p> <p>10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles</p>	N/A	PENDING	
MOFA	Chile	1060947	06/05/13			<p>01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells</p>	N/A	PENDING	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Chile	1060948	06/05/13			05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants	N/A	PENDING	
MOFA	Chile	1060949	06/05/13			09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; General laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells	N/A	PENDING	
MOFA	Chile	1060950	06/05/13			10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles	N/A	PENDING	




TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Madrid Protocol: Australia		05/20/13			<p>01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells</p> <p>05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants</p> <p>09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells</p> <p>10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles</p>	N/A	PENDING	Response to Notice of Irregularity due 11/28/13 - response filed 10/16/13; Approval issued 10/17/13
	Madrid Protocol: China							PENDING	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
	Madrid Protocol: European Union							PENDING	
	Madrid Protocol: New Zealand							PENDING	
	Madrid Protocol: Russian Federation							PENDING	
MOFA	Mexico	1377377	05/28/13			01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	2/13/2013	PENDING	Office Action issued - answer due 11/13/13.
MOFA	Mexico	1377378	05/28/13	1390744	8/16/13	05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants	2/13/2013	REGISTERED	
MOFA	Mexico	1377379	05/28/13			09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells	2/13/2013	PENDING	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Mexico	1377380	05/28/13	1403391	10/14/13	10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles	2/13/2013	REGISTERED	
MOFA	United States	85/929,193	05/10/13			01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells 05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants 09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells 10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and	2/1/2013	PENDING; FINAL REFUSAL office action issued based on recitation of goods.	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA (& Design) <b>mofa</b> <sup>™</sup>	US common law					<p>storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles</p> <p>01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells</p> <p>05 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of semen, oocytes, embryos, stem cells and other biological cells; semen extender and storage media used in the artificial insemination process; animal semen; biological tissue, namely, stem cells, gametes and embryos for medical or clinical use; living animal organs, namely, hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants</p> <p>09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and pumps, used to store, handle, fertilize, evaluate, culture and identify oocytes and embryos for use in artificial reproduction; general laboratory equipment, namely, microscopes, pipettors, water baths, peristaltic pumps, balances, thermometers, photometers and laboratory ovens; computer software used to analyze, evaluate and store images of sperm cells, oocytes, embryos and other biological cells</p> <p>10 Int.: Equipment for the collection, processing, packaging and preservation of animal semen; embryo and oocyte recovery, comprising of filters, fluid flow control mechanisms and searching and culture dishes; equipment used in the embryo transfer process for pigs, cattle, horses, dogs, sheep, goats and other animals; equipment for the artificial insemination and fertilization of pigs, cattle, horses, dogs, sheep, goats and other animals, namely, semen collection and storage vessels, semen measurement, evaluation and processing apparatus, semen dispensing instruments, semen dispensing catheters, embryo collection instruments, embryo storage and transfer containers, and other animal husbandry equipment, namely, breeding saddles</p>	02/01/2013		Unfiled common law mark

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
PRISM	US common law					Bear stud management software	06/11/1998	UNFILED	Unfiled common law mark
SANISHIELD	US common law					Protector for AI Sheaths	06/27/2013	UNFILED	Unfiled common law mark
SPERM VISION	Madrid Protocol: France	A0030974	07/25/12	1128738	7/25/12	09 Int.: Computer software used to analyze, evaluate and store images of sperm cells and semen.	N/A	REGISTERED	
	Madrid Protocol: Germany								Refused in Germany on grounds of descriptiveness 5.
	Madrid Protocol: Spain								
SPERM VISION	United States	78/300,238	09/15/03	2,881,751	9/7/04	09 Int.: Computer software used to analyze, evaluate and store images of sperm cells and semen.	6/19/2002	REGISTERED	

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
SPERM VISION (& Design) 	European Community: Austria, Bulgaria, Benelux, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom, Greece, Hungary, Ireland, Italy, Lithuania, Latvia, Malta, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia	11070001	07/25/12	11070001	12/25/12	09 Int.: Scientific, nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signalling, checking (supervision), life saving and teaching apparatus and instruments; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; apparatus for recording, transmission or reproduction of sound or images; magnetic data carriers, recording discs; automatic Wending machines and mechanisms for coin-operated apparatus; cash registers, calculating machines, data processing, equipment, computers, software; fire-extinguishing apparatus. 10 Int.: Surgical, medical, dental and veterinary apparatus and instruments. 42 Int.: Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software.	N/A	REGISTERED	Renewal Date: 9/17/14
SPERMNOTES	United States	75/299,274	05/28/97	2,139,883	2/24/98 Cancelled: 11/28/08	16 Int.: PERIODIC NEWSLETTER ON THE SUBJECT OF ARTIFICIAL INSEMINATION AND BREEDING OF FARM ANIMALS	1/22/1997	Cancelled 11/28/2008	
SPERMNOTES	United States	78/370,402	02/19/04	2,925,421	2/8/05	16 Int.: Periodic newsletter on the subject of artificial insemination and breeding of farm animals.	1/22/1997	REGISTERED	
SPERMAQ-II	US common law					Photometer for semen analysis (concentration)	08/19/2013	UNFILED	Unfiled common law mark
SPS 11	US common law					Boar semen packaging machine	12/18/2008	UNFILED	Unfiled common law mark
STERIVOLK	Wisconsin State	32-90111		WI [No Reg. No.]	6/5/96	42 Int.: Artificial insemination of farm animals		REGISTERED	
VIPig	United States	77/177,847	05/10/07	3,627,622	5/26/09	05 Int.: animal semen; biological tissue, namely stem cells, gametes and embryos for medical or clinical use; living animal organs, namely hearts, lungs, pancreas, kidneys, livers, skin, and uterus for medical or clinical use as surgical implants and transplants 31 Int.: animal embryos; live animals, namely, pigs	2/16/2009	REGISTERED	

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