

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM492944

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
JPMORGAN CHASE BANK, N.A.		10/01/2018	A national Banking Association: UNITED STATES

## RECEIVING PARTY DATA

<b>Name:</b>	MOFA GROUP, LLC
<b>Street Address:</b>	419 VENTURE COURT
<b>City:</b>	VERONA
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53593
<b>Entity Type:</b>	Limited Liability Company: DELAWARE
<b>Name:</b>	GENEX COOPERATIVE, INC.
<b>Street Address:</b>	117 EAST GREEN BAY STREET
<b>City:</b>	SHAWANO
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	54166
<b>Entity Type:</b>	Corporation: WISCONSIN
<b>Name:</b>	GENSTAR GLOBAL, LLC
<b>Street Address:</b>	419 VENTURE COURT
<b>City:</b>	VERONA
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53593
<b>Entity Type:</b>	Limited Liability Company: WISCONSIN

## PROPERTY NUMBERS Total: 21

Property Type	Number	Word Mark
<b>Serial Number:</b>	74703321	ANDROHEP
<b>Serial Number:</b>	85654520	ANDROPRO
<b>Serial Number:</b>	85929207	APX2
<b>Serial Number:</b>	78758606	AUTOMATE
<b>Serial Number:</b>	85724108	CSP
<b>Serial Number:</b>	74703323	MINIFLUSH
<b>Serial Number:</b>	85929193	MOFA

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	78300238	SPERM VISION
Serial Number:	77177847	VIPIG
Serial Number:	85954645	US BAG
Serial Number:	76456509	VITAECELL
Serial Number:	76458700	VITAECELL
Serial Number:	85422665	GENSTAR GLOBAL
Serial Number:	74527397	GENEX
Serial Number:	73316431	GENEX
Registration Number:	3411311	CRI
Registration Number:	3390645	CRI AGSOURCE GENEX CENTRAL LIVESTOCK
Registration Number:	3411312	CRI COOPERATIVE RESOURCES INTERNATIONAL
Serial Number:	76363722	CRYOGUARD
Serial Number:	76363723	ENDURAGUARD
Serial Number:	76363724	EQUIPRO

**CORRESPONDENCE DATA**

**Fax Number:** 6785532602

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

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**Email:** JIMMARL@GTLAW.COM

**Correspondent Name:** LaShana C. Jimmar, Paralegal

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**Address Line 2:** 3333 PIEDMONT ROAD, NE, SUITE 2500

**Address Line 4:** ATLANTA, GEORGIA 30305

<b>ATTORNEY DOCKET NUMBER:</b>	123235.017700
<b>NAME OF SUBMITTER:</b>	LaShana C. Jimmar
<b>SIGNATURE:</b>	/LaShana C. Jimmar/
<b>DATE SIGNED:</b>	10/05/2018

**Total Attachments: 52**

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## RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY is made as of October 1, 2018, by JPMORGAN CHASE BANK, N.A., a national banking association (the "Lender") regarding MOFA GROUP, LLC, a Delaware limited liability company, Cooperative Resources International, Inc., a Wisconsin cooperative association, Genex Cooperative, Inc., a Wisconsin cooperative, GenSTAR Global, LLC, a Wisconsin limited liability company (collectively, the "Debtors"), with reference to the following facts:

WHEREAS, on February 18, 2015, the Debtors granted a continuing and unconditional security interest to the Lender in the following, whether then existing or thereafter arising or acquired: (i) Debtors' patents, trademarks and applications set forth on Exhibit A, (ii) associated goodwill therein, and (iii) all proceeds and benefits thereof (collectively, the "IP Collateral"), for the purpose of securing certain obligations of the Debtors to the Lender (which such security interest was recorded at the U.S. Patent and Trademark Office at Reel/Frame numbers 035182/0051, 032598/0200, 5467/0552, 5251/0006, 5467/0307, 5475/0149, 5007/0671, 5474/0954 and 5467/0502); and

WHEREAS, the Lender desires to release any security interest it might have in the IP Collateral and reassign any and all rights, title and interests in the same to Debtors.

NOW, THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged: the Lender hereby (i) unconditionally terminates, releases and discharges any and all security interest, right, title or other interest it may have in the IP Collateral, and (ii) reassigns, grants and conveys to the Debtors, without any recourse, any and all of the Lender's right, title and interest in and to the IP Collateral, along with any goodwill in the trademarks therein that Lender may have acquired.

*[signature page follows]*

IN WITNESS WHEREOF, the undersigned has executed this Release as of the date first written above.

JPMORGAN CHASE BANK, N.A.

By: 

Kevin Podwika, Authorized Signor

Signature Page to IP Release

**TRADEMARK**  
**REEL: 006451 FRAME: 0159**

EXHIBIT A

PATENTS

Patent #	Title	File Date	Status	Issue Date
61/656,465 US Application	Multi-Compartment Container for Biological Fluids	6/6/12	Formalized	
U.S. Patent Application No. 13/911,618	Multi-Compartment Container for Biological Fluids	6/6/13	Pending Published: US2013/0345497	
PCT application No. US2013/44517	Multi-Compartment Container for Biological Fluids	6/6/13	Pending - No National Stage applications yet Published: WO2013/184919	
U.S. Patent Application No. 61/583977	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	1/6/12	Formalized as PCT (PCI Application No. PCT/US2013/020139)	n/a
U.S. Patent Application No. 61/673197	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/18/12	Formalized as PCT (PCI Application No. PCI/US2013/020139)	n/a
U.S. Patent Application No. 61/673715	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/19/12	Formalized as PCT (PCI Application No. PCI/US2013/020139)	n/a

Patent #	Title	File Date	Status	Issue Date
PCT Application No. PCT/US2013/020139	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	1/3/13	Published: WO2013/103713	n/a
U.S. Patent Application No. 14/369,949	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	6/30/14	Pending, awaiting first action  National Stage Entry of PCT/US2013/020139  Published: US2014/0635523	n/a
Argentine Patent Application No. PI30100045	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	1/4/13	Pending	n/a
Australian Patent Application No. 2013206857	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/4/14	Pending	n/a
Brazilian Patent Application No. 1120140164576	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/2/14	Pending	n/a
Canadian Patent Application No. 2,860,345	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	1/3/13 - effective filing date	Pending	n/a

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Patent #	Title	File Date	Status	Issue Date
Chinese Patent Application No. 201380304915.3	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/7/14	Pending	n/a
European Union Patent Application No. 13733607.9	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	6/30/14	Pending	n/a
Mexican Patent Application No. MX/a/2014/608380	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/4/14	Pending	n/a
New Zealand Patent Application No. 627102	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	7/4/14	Pending	n/a
Russian Patent Application No. 2014132430	Gender-specific Identification of Sperm Cells and Embryos Using Locked Nucleic Acids	8/5/14	Pending	n/a
U.S. Patent Application No. 60/821,044	Reproductive Cell Media Composition and Methods for Improving Fertility	8/1/06	Formalized as PCT Application No. PCT/US2007/037493	n/a

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Patent #	Title	File Date	Status	Issue Date
PCT Application No. PCT/US2007/074985	Reproductive Cell Media Composition and Methods for Improving Fertility	8/1/07	No national stage applications	n/a
U.S. Patent Application No. 61/013901	Gender-specific Separation Of Sperm Cells And Embryos	12/14/07	Formalized as PCT Application No. PCT/US2008/086833	n/a
U.S. Patent Application No. 12/747988	Gender-specific Separation Of Sperm Cells And Embryos	6/30/10	National Stage of PCT/US2008/086833  Pending  Published: US2010/0311059	n/a
PCT Application No. PCT/US2008/086833	Gender-specific Separation Of Sperm Cells And Embryos	12/15/08	Nationalized in U.S. (U.S. Serial No. 12/747988)  Published: WO2009/079456	n/a
Australian Patent Application No. 2008338530	Gender-specific Separation Of Sperm Cells And Embryos	6/7/2010	National Stage of PCT/US2008/086833  Abandoned	n/a
Brazilian Patent Application No. PI0820738-0	Gender-specific Separation Of Sperm Cells And Embryos	6/11/2010	National Stage of PCT/US2008/086833  Abandoned	n/a
Canadian Patent Application No. 2708751	Gender-specific Separation Of Sperm Cells And Embryos	6/9/2010	National Stage of PCT/US2008/086833  Abandoned	n/a

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Patent #	Title	File Date	Status	Issue Date
European Patent Application No. 08861734.5	Gender-specific Separation Of Sperm Cells And Embryos	7/7/2010	National Stage of PCT/US2308/086833 Abandoned	n/a
Indian Patent Application No. Z112/KOLNP/2010	Gender-specific Separation Of Sperm Cells And Embryos	6/9/2010	National Stage of PCT/US2308/086833 Abandoned	n/a
U.S. Patent No. 7,718,124 (US)	Cover for Counting, Viability Assessment, Analysis and Manipulation Chamber	6/2/05	Issued	5/18/10
PCT Application No. PCT/US06/21329 (WC2006130790)	Cover for Counting, Viability Assessment, Analysis and Manipulation Chamber	6/1/06	Nationalized in EP	n/a
Austria Patent No. 483179	Cover for Counting, Viability Assessment, Analysis and Manipulation Chamber	6/1/06	Terminated	n/a
European Patent No. 1886177	Cover for Counting, Viability Assessment, Analysis and Manipulation Chamber	6/1/06	Issued - validated in France, Germany and the Netherlands	9/29/10
U.S. Patent No. 6,527,703	Device for Sow Intra-Uterine Insemination and Embryo Transfer	6/14/01	Issued	3/4/03
U.S. Patent Application No. 10/579,388	n/a	3/4/03	Abandoned Claims priority to US Pat. No.	

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Patent #	Title	File Date	Status	Issue Date
			6,527,703	
PCT Application No. PCT/US02/04889 (WO02102272)	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	Nationalized	n/a
Austrian Patent Application No. A13002511	Device for Sow Intra-Uterine Insemination and Embryo Transfer		National Stage of WO0210227	n/a
Brazilian Patent Application No. BR0210389B1	Device for Sow Intra-Uterine Insemination and Embryo Transfer		Abandoned	
			National Stage of WO0210227	10/19/2010
			Abandoned	
Canadian Patent Application No. CA2449991	Device for Sow Intra-Uterine Insemination and Embryo Transfer		National Stage of WO0210227	
			Abandoned	
Denmark Patent Application No. DK1395198T3	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	Validation of EP Patent No. 1395198	7/27/05
			Lapsed	
German Patent Application No. DE60205250	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	Validation of EP Patent No. 1395198	3/30/2006
European Patent No. 1395198	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	Issued - validated in Denmark, Spain, Great Britain, Italy, France, Germany, and the Netherlands.	7/27/05
			Lapsed in Denmark, Spain, Great Britain and Italy	
			In force in France, Germany and	

Patent #	Title	File Date	Status	Issue Date
			the Netherlands	
Mexican Patent No. MX048242	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	Issued	8/21/07
Polish Patent Application No.	Device for Sow Intra-Uterine Insemination and Embryo Transfer		Lapsed in Denmark, Spain, Great Britain and Italy	
Spanish Patent Application No. ES2247318(T3)	Device for Sow Intra-Uterine Insemination and Embryo Transfer	2/20/02	National Stage of WO0210227 Abandoned	
U.S. Patent No. 5,305,716	Embryo Collector	2/2/93	Validation of EP Patent No. 1395198	7/27/05
U.S. Patent No. 5,671,667	Multi-Line Straw Printer	4/10/96	Lapsed	4/9/96
European Patent No. EP0798118B1	Multi-Line Straw Printer	4/10/97	Issued	9/30/97
German Patent No. DE69710796T2	Multi-Line Straw Printer	4/10/97	Issued - validated in France and Germany	3/6/2002
			Lapsed in France and Germany	
			Validation of EP Patent No. EP0798118B1	8/14/2002
			Lapsed	

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Patent #	Title	File Date	Status	Issue Date
U.S. Patent No. 6,849,394	Compositions Comprising Reproductive Cell Media and Methods for Using Such Compositions	2/21/02	Issued	2/1/03
U.S. Patent Application No. 10/685953	Compositions Comprising Reproductive Cell Media and Methods for Using Such Compositions	10/15/2003	Divisional of U.S. Patent No. 6,849,394 Abandoned	n/a
PCT Application No. PCT/US2003/004258	Compositions Comprising Reproductive Cell Media and Methods for Using Such Compositions	2/11/03	National Stage Application filed in EP (abandoned)	n/a
European Patent Application No. EP1482788	Compositions Comprising Reproductive Cell Media and Methods for Using Such Compositions		National Stage of PCT/US2003/004258 Abandoned	n/a
U.S. Patent Application No. 60/821044	CELL MEDIA COMPOSITIONS	8/1/2006	Formalized as PCT/US2007/074935	n/a

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Patent #	Title	File Date	Status	Issue Date
PCT Application No. PCT/US2007/074935	CELL MEDIA COMPOSITIONS	8/1/2007	No National Stage Applications filed	n/a
U.S. Patent No. 5,961,503	Boar Semen Collection Bag	5/13/98	Issued	10/5/99
Canadian Patent No. 2,236,748	Boar Semen Collection Bag	6/2/98	Issued	9/2/03

TRADEMARKS

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
AC	US common law					Artificial insemination products for livestock		UNFILED	Co-owned under the Settlement Agreement with MTL
AM	US common law							UNFILED	Transferred in Settlement Agreement with MTL
ANDROHEP	Canada	29,610	8/15/96	TMA492, 494	04/07/98 Renewed ; 4/17/2013	(1) SEMEN EXTENDER, NAMELY SEMEN DILUTING AND STORAGE PREPARATION USED IN THE ARTIFICIAL INSEMINATION PROCESS FOR LONG-TERM STORAGE OF SEMEN OF PIGS, CATTLE, HORSES AND OTHER ANIMALS (2) SEMEN EXTENDER AND STORAGE MEDIUM USED IN THE ARTIFICIAL INSEMINATION PROCESS FOR LONG-TERM STORAGE OF THE SEMEN OF PIGS, CATTLE, HORSES AND OTHER ANIMALS	11/15/1993	Registered	Mark was to be co-owned by Mofa Group and Minitube International. Co-Ownership not possible in Canada. Mark is owned by Mofa Group and to be licensed to MTL.

TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
ANDROHEP	United States	74/703,321	07/19/95	2,033,439	1/28/97 Renewed 1/28/2007	05 Int.: SEMEN EXTENDER AND STORAGE MEDIUM USED IN THE ARTIFICIAL INSEMINATION PROCESS FOR LONG TERM STORAGE OF THE SEMEN OF PIGS, CATTLE, HORSES AND OTHER ANIMALS	2/12/1989	Registered	Mark co-owned By MOFA GROUP, LLC & Minutube International, Inc. et al. AG
ANDROPRO	Brazil		7/3/12		05/05/13	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	1128288	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

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
ANDROPRO	Mexico	M1286340	06/26/12	1337577	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
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	N/A	PENDING	Published 10/8/13

TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
APX2	Canada	1,627,594	05/21/13			of animal semen, oocytes, embryos, stem cells and other biological cells 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	

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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

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
APX2	Mexico	1375565	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	
APX2	United States	85/929,287	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	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
AUTOMATE	Canada	1,280,498	11/22/05	TMA689, 031	06/05/07	equipment for the collection of boar semen	5/15/2007	Registered	
AUTOMATE	European Community		10/07/2005	06467608 6	08/24/2006	10 Veterinary instruments and apparatus, devices for animals, bandages, collecting basins and hoses, urological apparatus and instruments (all for veterinary purposes).		Registered	
AUTOMATE	Mexico	75776	12/20/05	922130	02/27/06	10 Int.: Equipment for the collection of boar semen	N/A	Registered	
AUTOMATE	United States	78/758,606	11/21/05	3,250,053	06/05/07	10 Int.: Equipment for the collection of boar semen	5/30/2006	Registered	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
BBH7	US common law							UNFILED	Transferred in Settlement Agreement with MTI
BOVIPO	United States	85/944,764	05/29/13	4,458,027	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	Mandi reported application filed on 5/29/13; potential infringe at issue with Nidarcon. Notice of publication issued 10/8/13
BOVIPO	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			

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
BOVIFRO	Canada	16151379	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	
CAPRIPO	United States						N/A	Waiting until use commences to file application.	Potential infringement issue with Nidaccon. Unified common law mark
CANIPRO	US common law					Canine semen extender	01/19/2005	UNFILED	Unified common law mark
CELLGUARD	US common law							UNFILED	Transferred in Settlement

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TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
CHILL 10	US common law							UNFILED	Transferred in Settlement Agreement with MTI
CHILLGUARD	US common law							UNFILED	Transferred in Settlement Agreement with MTI
COOLGUARD	US common law					Enhancement to different semen extenders (e.g. RoviPro, 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	1,147,968	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	07/25/02	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								

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
	European Community: Germany								
	European Community: Denmark								
	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								

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
CRYOGUARD	European Community: Sweden	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	
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
CSP	Brazil	840329857	11/13/12			05 Int.: Culture, storage and dilution medium for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	Pending	
CSP	Canada	1,596,006	09/27/12	868849		05 Int.: Culture, storage and dilution medium for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	ITU	Registered	
CSP	Madrid Protocol: Australia	A0032089	10/02/12	1138428	10/02/12	05 Int.: Culture, storage and dilution medium for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells	N/A	International registration issued-subject to refusals from each country	
	Madrid Protocol: China							Granted	
	Madrid Protocol: European Union							International registration issued-subject to refusals from each	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
								country	
	Madrid Protocol: Russian Federation							International registration issued-subject to refusals from each country	
CSP	Mexico	1314853	10/05/12			01 Int: culture and dilution medium, namely semen extenders and preparations for use by veterinarians and breeders		Pending. Filed in Class 5 but refused based on confusing with existing CSPC mark on May 15 2013. A reasons writ was filed and app was refilled in Class 1.	
CSP	United States	65/724,108	09/08/12	4,429,815	11/05/13	05 Int.: Culture, storage and dilution medium for maintaining the life and maximizing the viability of animal semen, oocytes, embryos, stem cells and other biological cells		Registered	
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	

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TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
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	920555	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.	4/16/2002	REGISTERED	RENEWED 6/14/13
FLEX H	US common law							UNFILED	Transferred in Settlement Agreement with MTI
FLEXITUBE	US common law					Artificial insemination products for livestock		UNFILED	Co-owned under the Settlement Agreement with MTI

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
FOAMTIP	US common law					Artificial insemination products for livestock		UNFILED	Co-owned under the Settlement Agreement with MTI
HERDVISION	US common law					Embryo transfer management software	12/24/2009	UNFILED	Unfiled common law mark
IVANTAGE	US common law							UNFILED	Transferred in Settlement Agreement with MTI
MAVIC	US common law					Canine insemination catheter	03/21/2008	UNFILED	Unfiled common law mark
MINIFLUSH	United States	74/705,323	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	
MINILUBE	US common law							UNFILED	Transferred in Settlement Agreement with MTI
MOFA	Argentina	3249885	05/29/13			01 Int: Culture, storage and dilution media for maintaining the life and maximizing the	N/A	PENDING	Priority document filed.

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Argentina	3249884	05/29/13			viability of animal semen, oocytes, embryos, stem cells and other biological cells 09 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	awaiting publication 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,	N/A	PENDING	Published 9/4/13

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Argentina	3249883	05/29/13			embryos and other biological cells	N/A	PENDING	Published 9/4/13
						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			
MOFA	Brazil	846527292	05/27/13			01 Int.: Culture, storage and dilution media for maintaining the life and maximizing the viability of animal semen.	N/A	PENDING	Published 10/8/13

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Brazil	840527314	05/27/13			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	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,	N/A	PENDING	Published 10/8/13

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Brazil	840527349	05/27/13			10 lit.: 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

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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</p>	N/A	PENDING	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Chile	1060947	06/05/13			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 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 saddies		PENDING	
						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.		

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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	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Chile	1060950	08/05/13			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	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MCFA	Madrid Protocol: Australia		05/20/15			<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</p>	N/A	PENDING	Response to Notice of Irregularity due 11/28/13 - response filed 10/16/13. Approval issued 10/17/13

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
						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 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			
	Madrid Protocol; China							PENDING	
	Madrid Protocol; European Union							PENDING	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
	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	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	Mexico	1377379	05/28/13			09 Int.: Microfluidic devices, namely, microchannels with and without cross-channels, microchannels, 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	
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	2/13/2013	REGISTERED	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA	United States	85/929,195	05/10/13	4,566,490	5/15/2011 4	<p>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.</p>	2/1/2013	PENDING; FINAL REFUSAL office action issued based on recitation of goods.	

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
						<p>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</p>			

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
MOFA (& Design) <b>mofa</b>	US common law					equipment, namely, breeding saddles. [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,	02/01/2013		Unfiled common law mark

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TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
						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 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			


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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
PEGASUS	US common law							UNFILED	Transferred in Settlement Agreement with MTI
PM (as a modifier to the name of a medium)	US common law							UNFILED	Transferred in Settlement Agreement with MTI
POLYGLIDE	US common law							UNFILED	Transferred in Settlement Agreement with MTI
FORCIPRO	US common law							UNFILED	Transferred in Settlement Agreement with MTI

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TRADEMARK	COUNTRY	AFF. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
PREM	US common law					Boar stud management software.	06/11/1998	UNFILED	Unfiled common law mark
QUICKTIP	US common law					Artificial insemination products for livestock		UNFILED	Co-owned under the Settlement Agreement with MII
SANISHIELD	US common law					Protector for AI Sheaths	06/27/2013	UNFILED	Unfiled common law mark
SEMESEP	US common law							UNFILED	Transferred in Settlement Agreement with MII
SPERM VISION	Madrid Protocol: France Madrid Protocol: Germany	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	Refused in Germany on grounds of descriptive

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
									HESS.
	Madrid Protocol: Spain								
SPERM VISION	United States	78/360,236	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	
SPERM VISION (& Design) 	European Community: Austria, Bulgaria, Belarus, 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, signaling, 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 vending machines and mechanisms for coin-operated apparatus; cash registers, calculating machines, data processing equipment, computers, software; fire-extinguishing apparatus.	N/A.	REGISTERED	Renewal Date: 9/17/14
						10 Int.: Surgical, medical, dental and veterinary apparatus and instruments.			

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
						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.			
SPERMAQ-II	US common law					Photometer for semen analysis (concentration)	08/19/2013	UNFILED	Unified common law mark
SPERMVISION SAR	US common law							UNFILED	Transferred in Settlement Agreement with MTI
SPERMVISION THER 10	US common law							UNFILED	Transferred in Settlement Agreement with MTI
SFS II	US common law					Boar semen packaging machine	12/18/2008	UNFILED	Unified common law mark
SFS II DC	US common law							UNFILED	Transferred in Settlement Agreement with MTI

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TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
SPS 21	US common law							UNFILED	Transferred in Settlement Agreement with MTH
STERIYOLK	Wisconsin State	32-90111		WI [No Reg. No.]	6/5/96	42 Int. Artificial insemination of farm animals		REGISTERED	
TCICATHETER	US common law							UNFILED	Transferred in Settlement Agreement with MTH
TCI ENDOSCOPE	US common law							UNFILED	Transferred in Settlement Agreement with MTH
TWISTIF UNIFLEX	US common law							UNFILED	Transferred in Settlement Agreement with MTH
ULTRASEAL	US common law							UNFILED	Transferred in Settlement Agreement with MTH

EXCS-44483267-42

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG. DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
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	2/16/2009	REGISTERED	
US BAG	United States	85/954,645	06/09/13	4,494,111	3/11/2014	10: Equipment for the artificial insemination and fertilization of animals, namely, equipment for the collection, processing, storage and preservation of animal semen. 31 Int.: animal embryos; live animals, namely, pigs	12/00/97	Published 12/24/2013	
US BAG	Brazil					10: Equipment for the artificial insemination and fertilization of animals, namely, bags used to collect, filter, process, store, transport, preserve and dispense animal semen			
US BAG	Canada		11/12/13			Equipment for the artificial insemination and fertilization of animals, namely, bags used to collect, filter, process, store, transport, preserve and dispense animal semen		Filed	
VITAECELL	United States	76456539	10/8/2002	3033625	12/20/2005	IC 009. US 021 023 026 036 038. G & S: microfluidic devices, namely, microchannels with and without cross-channels, microchambers, microreactors, filters, columns, mixers, suction ports, separators, valves and	FIRST USE: 20021009. FIRST USE IN COMMER CE: 20021000		

DOCID: 444443363-02

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	GOODS/SERVICES	DATE OF FIRST USE	STATUS	Notes
VITAECELL & Design	United States	76458700	10/17/2002	3029707	12/18/2005	Services IC 009; US 021 023 026 036 038, G & S; 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 human oocytes and embryos for use in human reproduction.	FIRST USE: 20021000 FIRST USE IN COMMERCE: 20021000		

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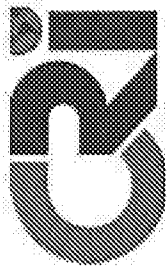
TRADEMARKS, contd.

TRADEMARK	COUNTRY	APP. No.	FILING DATE	Reg. No.	REG DATE	STATUS
GENSTAR GLOBAL & Design	United States	85422665	9/14/2011	4386232	8/20/2013	Registered
GENSTAR	US common law					UNFILED

TRADEMARKS, cont'd.

TRADEMARK	APP. No.	FILING DATE	Reg. No.	REG DATE	STATUS
GENEX	74527397	4/29/1994	2044133	3/11/1997	Registered
GENEX	73316431	9/7/1982	1218700	11/30/1982	Registered

TRADEMARKS, contd.



Service mark, Date April 15, 2008 - Registration number 3,411,311



Service mark, Date March 4, 2008 - Registration number 3,390,645 (abandoned)



Service mark, Date April 15, 2008 - Registration number 3,411,312

Profit Opportunity Analyzer® Service mark, Date May 27, 2008 - Registration number 3,459,888