TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM335920

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Inguran, LLC		03/18/2015	LIMITED LIABILITY COMPANY: DELAWARE

RECEIVING PARTY DATA

Name:	Compass Bank
Street Address:	1703 W. 5th Street
Internal Address:	Suite 500
City:	Austin
State/Country:	TEXAS
Postal Code:	78703
Entity Type:	CORPORATION: ALABAMA

PROPERTY NUMBERS Total: 12

Property Type	Number	Word Mark
Registration Number:	4531018	GENETIC DEVELOPMENT CENTER
Registration Number:	4589447	ST
Registration Number:	4593635	
Registration Number:	3290653	CYAGRA
Serial Number:	85651219	GENETIC DEVELOPMENT CENTER
Serial Number:	85942451	SEXEDULTRA
Serial Number:	86127430	SEXEDULTRA
Serial Number:	86341383	SEXEDULTRA
Serial Number:	86126174	NATURE'S FINEST
Serial Number:	86483801	
Serial Number:	86425033	ST-EQUINE
Serial Number:	86425857	ST EQUINE

CH $315.00 4531018

CORRESPONDENCE DATA

Fax Number: 7132233717

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.

Phone: 7132261200
Email: rljackson@lockelord.com

Correspondent Name:	LOCKE LORD LLP
Address Line 1:	600 TRAVIS
Address Line 2:	SUITE 2800
Address Line 4:	HOUSTON, TEXAS 77002-3095

ATTORNEY DOCKET NUMBER:	0014020-00346
NAME OF SUBMITTER:	Robert Jackson
SIGNATURE:	/ROBERT JACKSON/
DATE SIGNED:	03/23/2015

Total Attachments: 22

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SUPPLEMENTAL PATENT
AND TRADEMARK SECURITY AGREEMENT
(Inguran, LLC)

THIS SUPPLEMENTAL PATENT AND TRADEMARK SECURITY AGREEMENT ("Agreement"), dated as of March 18, 2015, is by and between INGURAN, LLC, a Delaware limited liability company doing business as Sexing Technologies, whose address is 22575 State Highway 6 South, Navasota, Texas 77868 ("Debtor"), and COMPASS BANK, an Alabama banking corporation, whose address is 1703 W. 5th Street, Suite 500, Austin, Texas 78703, Attention: Mr. John R. Burer, in its capacity as Administrative Agent (in such capacity, together with its successors and assigns in such capacity, the "Secured Party"), under the Credit Agreement described below.

WHEREAS, Debtor and Secured Party previously have entered into that certain Amended and Restated Patent and Trademark Security Agreement dated June 1, 2012 (the "Original Security Agreement"). In connection with a restructure of the credit facilities covered by the Original Security Agreement, Debtor and Secured Party now desire to supplement the Original Security Agreement to cover and include additional Collateral listed on Schedule 1 and Schedule 2 attached hereto which was not covered and included in the Schedules attached to the Original Security Agreement;

WHEREAS, Debtor, Secured Party and the lenders now or hereafter a party thereto (collectively the "Lenders") have entered into that certain Third Amended and Restated Credit Agreement (as amended, restated and supplemented from time to time, the "Credit Agreement") of even date herewith;

WHEREAS, Debtor and Secured Party have entered into a Second Amended and Restated Security Agreement (Borrower) of even date herewith (as said Second Amended and Restated Security Agreement may be amended, restated, modified, supplemented and in effect from time to time, the "General Security Agreement"), which sets forth in more detail certain terms and conditions relating to the matters agreed to herein; and

WHEREAS, the Credit Agreement contemplates the execution of this Agreement by the parties hereto and the recordation of this Agreement in accordance with the specific terms of the Credit Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Grant of Security Interest. Debtor does hereby grant to Secured Party, for the benefit of Secured Party, the Lenders and any other holders of any of the Obligations, a continuing security interest in all of Debtor's right, title, and interest in and to all of the following (all of the following being herein collectively referred to as the "Collateral"), whether presently existing or hereafter arising or acquired, to secure the payment of the Obligations (as defined in the Credit Agreement):

TRADEMARK
REEL: 005483 FRAME: 0885

(a) any and all patents and patent applications listed on Schedule 1 attached hereto, together with (i) all inventions and improvements described and claimed therein, (ii) all reissues, divisions, continuations, renewals, extensions, and continuations-in-part thereof, (iii) all income, royalties, damages, claims, and payments now or hereafter due or payable under and with respect thereto, including, without limitation, damages and payments for past and future infringements thereof, (iv) all rights to sue for past, present, and future infringements thereof, and (v) all rights corresponding to any of the foregoing throughout the world;

(b) all trademarks (including service marks), trade names, trade dress, and trade styles listed on Schedule 2 attached hereto and the registrations and applications for registration thereof and the goodwill of the business symbolized by the foregoing, together with (i) all renewals of the foregoing, (ii) all income, royalties, damages, and payments now or hereafter due or payable with respect thereto, including, without limitation, damages, claims, and payments for past and future infringements thereof, (iii) all rights to sue for past, present, and future infringements of the foregoing, including the right to settle suits involving claims and demands for royalties owing, and (iv) all rights corresponding to any of the foregoing throughout the world;

(c) all licenses or similar arrangements of any of the foregoing, whether as licensee or licensor;

(d) all general intangibles at any time evidencing or relating to any of the foregoing, together with all books and records, computer files, programs, printouts and other computer materials and records related thereto; and

(e) all products and proceeds of any of the foregoing.

2. Miscellaneous. This security interest is granted in conjunction with the security interest granted to Secured Party, for the benefit of Secured Party, the Lenders and any other holders of any of the Obligations, pursuant to the General Security Agreement. Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Collateral made and granted hereby are more fully set forth in the General Security Agreement and the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. The terms and provisions hereof are in addition to, and not in limitation of or limited by, those of the General Security Agreement, the Credit Agreement and the other Credit Documents. The attached Schedules 1 and 2 are incorporated herein by reference for all purposes. Capitalized terms used herein and not otherwise defined shall have the meaning given to them in the Credit Agreement. **THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE UNITED STATES OF AMERICA, INCLUDING WITHOUT LIMITATION, THE UNITED STATES PATENT AND TRADEMARK LAWS.** This Agreement shall be binding upon Debtor, and the trustees, receivers, successors and assigns of Debtor, including all successors in interest of Debtor in and to all or any part of the Collateral, and shall benefit Secured Party, the Lenders, any other holders of any of the Obligations and their

TRADEMARK
REEL: 005483 FRAME: 0886

respective successors and assigns. If any provision of this Agreement is held to be illegal, invalid or unenforceable under present or future laws, the legality, validity and enforceability of the remaining provisions of this Agreement shall not be affected thereby, and this Agreement shall be liberally construed so as to carry out the intent of the parties to it. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same agreement, and any of the parties hereto may execute this Agreement by signing any such counterpart. The section headings appearing in this Agreement have been inserted for convenience only and shall be given no substantive meaning or significance whatever in construing the terms and provisions of this Agreement.

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TRADEMARK
REEL: 005483 FRAME: 0887

IN WITNESS WHEREOF, Debtor and Secured Party have caused this Agreement to be duly executed by their respective officers thereunto as of the date first set forth above.

"Debtor"

INGURAN, LLC, a Delaware limited liability company doing business as ~~Sexing Technologies~~

By: _____
Name: MAURICE ROSENSTEIN
Title: CO CEO

"Secured Party"

COMPASS BANK, an Alabama banking corporation, as Administrative Agent

By: _____
Name: _____
Title: _____

Attachment:

Schedule 1 – Patents and Applications
Schedule 2 - Trademarks

THE STATE OF TEXAS §
§
COUNTY OF Brazos §

This instrument was acknowledged before me on March 18, 2015, by Maurice Rosenstein, CO-CEO of Inguran, LLC, a Delaware limited liability company doing business as Sexing Technologies, on behalf of said limited liability company.

GRACE A. WISE
Notary Public, State of Texas
My Commission Expires
August 5, 2016

_____
Notary Public in and for the State of Texas
Printed Name: _____
My Commission Expires: _____

TRADEMARK
REEL: 005483 FRAME: 0888

IN WITNESS WHEREOF, Debtor and Secured Party have caused this Agreement to be duly executed by their respective officers thereunto as of the date first set forth above.

"Debtor"

INGURAN, LLC, a Delaware limited liability company doing business as Sexing Technologies

By: _____
Name: _____
Title: _____

"Secured Party"

COMPASS BANK, an Alabama banking corporation, as Administrative Agent

By: _____
Name: John Bruer
Title: SVP

Attachment:

Schedule 1 – Patents and Applications
Schedule 2 - Trademarks

THE STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on _____, 2015, by _____, _____ of Inguran, LLC, a Delaware limited liability company doing business as Sexing Technologies, on behalf of said limited liability company.

_____
Notary Public in and for the State of Texas
Printed Name: _____
My Commission Expires: _____

TRADEMARK
REEL: 005483 FRAME: 0889

THE STATE OF TEXAS §
§
COUNTY OF TRAVIS §

This instrument was acknowledged before me on March 17th, 2015, by John Boer, Relationship Manager of Compass Bank, an Alabama banking corporation acting in its capacity as Administrative Agent, on behalf of said corporation acting in said capacity.

Notary Public in and for the State of Texas
Printed Name: Melissa Guerrero
My Commission Expires: August 12, 2018

MELISSA GUERRERO
Notary Public
STATE OF TEXAS
My Comm. Exp. Aug. 12, 2018

TRADEMARK
REEL: 005483 FRAME: 0890

SCHEDULE 1 TO
SUPPLEMENTAL PATENT AND TRADEMARK SECURITY AGREEMENT

PATENTS AND PATENT APPLICATIONS

(See attached Patent and Patent Application Listing)

TRADEMARK
REEL: 005483 FRAME: 0891

INGURAN, LLC – Patents - Unfiled

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
CMI-01 Remote	AU	1	PCT	Granted	2009241769	5/1/2009	2009241769	5/9/2013
CMI-01 Remote	AU	2	DIV	Granted	2013200479	1/30/2013	2013200479	8/7/2014
CMI-01 Remote	CN		PCT	Granted	200980124810.5	12/28/2010	200980124810.5	12/18/2013
I-01 Low Motilit	AT		EDV	Granted	9014128.4	1/17/2013	2151243	10/24/2012
I-01 Low Motilit	AU		PCT	Granted	2005228893	3/29/2005	2005228893	12/2/2010
I-01 Low Motilit	CH		EDV	Granted	9014128.4	1/4/2013	2151243	10/24/2012
I-01 Low Motilit	CN		PCT	Granted	200580017370.5	11/28/2006	200580017370.5	3/28/2012
I-01 Low Motilit	DE		EDV	Granted	9014128.4	12/10/2012	602005036735.7	10/24/2012
I-01 Low Motilit	DK		EDV	Granted	9014128.4	1/8/2013	2151243	10/24/2012
I-01 Low Motilit	EP	Div1	DIV	Granted	9014128.4	11/11/2009	2151243	10/24/2012
I-01 Low Motilit	ES		EDV	Granted	9014128.4	1/14/2013	2151243	10/24/2012
I-01 Low Motilit	FR		EDV	Granted	9014128.4	12/10/2012	2151243	10/24/2012
I-01 Low Motilit	GB		EDV	Granted	9014128.4	12/10/2012	2151243	10/24/2012
I-01 Low Motilit	IE		EDV	Granted	9014128.4	12/5/2012	2151243	10/24/2012
I-01 Low Motilit	IT		EDV	Granted	9014128.4	1/15/2013	2151243	10/24/2012
I-01 Low Motilit	MX		PCT	Granted	PA/a/2006/011344	3/29/2005	283764	2/8/2011
I-01 Low Motilit	NL		EDV	Granted	9014128.4	12/31/2012	2151243	10/24/2012
I-01 Low Motilit	NZ		PCT	Granted	550196	3/29/2005	550196	3/8/2011
I-01 Low Motilit	PL		EDV	Granted	9014128.4	1/21/2013	2151243	10/24/2012
I-01 Low Motilit	PT		EDV	Granted	9014128.4	1/14/2013	2151243	10/24/2012
I-02 Pulse	AR		ORD	Granted	P040101044	3/29/2004	43956	2/23/2010
I-02 Pulse	AR	Div1	DIV	Granted	P100100108	1/18/2010	75143	11/21/2013
I-02 Pulse	AT	1	EDV	Granted	9014407.2	11/27/2014	2194379	9/3/2014
I-02 Pulse	AT	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	AU		PCT	Granted	2004225436	3/29/2004	2004225436	4/1/2010
I-02 Pulse	AU	Div1	DIV	Granted	2010200961	3/12/2010	2010200961	3/29/2012
I-02 Pulse	AU	Div2	DIV	Granted	2012200712	2/7/2012	2012200712	1/3/2013

TRADEMARK
REEL: 005483 FRAME: 0892

TRADEMARK
REEL: 005483 FRAME: 0893

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-02 Pulse	AU	Div3	DIV	Granted	2012200707	2/7/2012	2012200707	1/3/2013
I-02 Pulse	AU	Div4	DIV	Granted	2012200709	2/7/2012	2012200709	1/3/2013
I-02 Pulse	AU	Div5	DIV	Granted	2012200706	2/7/2012	2012200706	1/3/2013
I-02 Pulse	AU	Div6	DIV	Granted	2012200711	2/7/2012	2012200711	1/3/2013
I-02 Pulse	AU	Div7	DIV	Granted	2012200713	2/7/2012	2012200713	1/3/2013
I-02 Pulse	AU	Div8	DIV	Granted	2012227165	9/18/2012	2012227165	12/5/2013
I-02 Pulse	BE	1	EDV	Granted	9014407.2	11/27/2014	2194379	9/3/2014
I-02 Pulse	BE	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	CA	Div1	DIV	Granted	2,752,244	9/7/2011	2,752,244	12/16/2014
I-02 Pulse	CA	Div4	DIV	Granted	2,752,247	9/7/2011	2,752,247	6/17/2014
I-02 Pulse	CH		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	CH	1	EDV	Granted	9014407.2	9/9/2014	2194379	9/3/2014
I-02 Pulse	CH	3	EDV	Granted	10184097.3	12/12/2014	2308416	1/7/2015
I-02 Pulse	DE		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	DE	1	EDV	Granted	9014407.2	9/3/2014	2194379	9/3/2014
I-02 Pulse	DE	3	EDV	Granted	10184097.3	12/18/2014	2308416	1/7/2015
I-02 Pulse	CN		PCT	Granted	200480014339.1	3/29/2004	200480014339.1	8/5/2009
I-02 Pulse	DK		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	DK	1	EDV	Granted	9014407.2	11/19/2014	2194379	9/3/2014
I-02 Pulse	DK	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	EP		PCT	Granted	4749513	10/13/2005	1608963	12/30/2009
I-02 Pulse	EP	1	DIV	Granted	9014407.2	11/18/2009	2194379	9/3/2014
I-02 Pulse	EP	3	DIV	Granted	10184097.3	9/30/2010	2308416	1/7/2015
I-02 Pulse	ES	1	EDV	Granted	9014407.2	11/14/2014	2194379	9/3/2014
I-02 Pulse	ES	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	FI	1	EDV	Granted	9014407.2	10/14/2014	2194379	9/3/2014
I-02 Pulse	FI	3	EDV	Granted	10184097.3	1/9/2015	2308416	1/7/2015

TRADEMARK
REEL: 005483 FRAME: 0894

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-02 Pulse	FR		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	FR	1	EDV	Granted	9014407.2	8/27/2014	2194379	9/3/2014
I-02 Pulse	FR	3	EDV	Granted	10184097.3	12/18/2014	2308416	1/7/2015
I-02 Pulse	GB		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	GB	1	EDV	Granted	9014407.2	8/27/2014	2194379	9/3/2014
I-02 Pulse	GB	3	EDV	Granted	10184097.3	12/18/2014	2308416	1/7/2015
I-02 Pulse	HU	1	EDV	Granted	9014407.2	1/20/2015	2194379	9/3/2014
I-02 Pulse	HU	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	IE		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	IE	1	EDV	Granted	9014407.2	9/19/2014	2194379	9/3/2014
I-02 Pulse	IE	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	IN		PCT	Granted	3937/DELNP/2005	3/29/2004	240657	5/21/2010
I-02 Pulse	IT	1	EDV	Granted	9014407.2	11/27/2014	2194379	9/3/2014
I-02 Pulse	IT	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	JP		PCT	Granted	2006-509457	3/29/2004	4614947	10/29/2010
I-02 Pulse	JP	Div1	DIV	Granted	2010-108540	5/10/2010	5632648	10/17/2014
I-02 Pulse	MX		PCT	Granted	PA/a/2005/010492	3/29/2004	272818	12/16/2009
I-02 Pulse	MX	Div1	DIV	Granted	PA/a/2009/001991	3/29/2004	292500	11/22/2011
I-02 Pulse	MX	Div2	DIV	Granted	MX/a/2009/001992	3/29/2004	298151	4/13/2012
I-02 Pulse	NL		EPP	Granted	4749513	3/30/2010	1608963	12/30/2009
I-02 Pulse	NL	1	EDV	Granted	9014407.2	12/1/2014	2194379	9/3/2014
I-02 Pulse	NL	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	NZ	Div1	DIV	Granted	564309	3/29/2004	564309	11/12/2009
I-02 Pulse	NZ	Div2	DIV	Granted	577678	3/29/2004	577678	2/9/2011
I-02 Pulse	NZ	Div3	DIV	Granted	587918	3/29/2004	587918	4/2/2012
I-02 Pulse	SE	1	EDV	Granted	9014407.2	11/10/2014	2194379	9/3/2014
I-02 Pulse	SE	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015

TRADEMARK
REEL: 005483 FRAME: 0895

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-02 Pulse	TR	1	EDV	Granted	9014407.2	12/1/2014	2194379	9/3/2014
I-02 Pulse	TR	3	EDV	Granted	10184097.3	1/7/2015	2308416	1/7/2015
I-02 Pulse	US	9	CON	Granted	13/762,003	2/7/2013	8,748,183	6/10/2014
I-02 Pulse	US	10	CON	Granted	13/762,014	2/7/2013	8,709,817	4/29/2014
I-02 Pulse	US	11	CON	Granted	13/761,989	2/7/2013	8,609,422	12/17/2013
I-02 Pulse	US	12	CON	Granted	13/762,110	2/7/2013	8,637,318	1/28/2014
I-02 Pulse	US	13	CON	Granted	13/782,469	3/1/2013	8,623,658	1/7/2014
I-02 Pulse	US	14	CON	Granted	13/776,252	2/25/2013	8,623,657	1/7/2014
I-02 Pulse	US	15	CON	Granted	13/776,294	2/25/2013	8,617,904	12/31/2013
I-02 Pulse	US	16	CON	Granted	13/776,379	2/25/2013	8,691,584	4/8/2014
I-02 Pulse	US	17	CON	Granted	13/782,459	3/1/2013	8,709,825	4/29/2014
I-02 Pulse	US	18	CON	Granted	13/782,417	3/1/2013	8,664,006	3/4/2014
I-02 Pulse	ZA		ORD	Granted	2005/07151	9/6/2005	2005/07151	11/25/2009
I-03 PYRUVATE	AR		ORD	Granted	P050101213	3/30/2005	AR048674B1	5/31/2012
I-03 PYRUVATE	AU		PCT	Granted	2005228046	9/29/2006	2005228046	5/5/2011
I-03 PYRUVATE	CH		EPP	Granted	5731399.1	2/18/2010	1730523	1/13/2010
I-03 PYRUVATE	CN		PCT	Granted	200580017377.7	9/29/2006	200580017377.7	7/4/2012
I-03 PYRUVATE	DE		EPP	Granted	5731399.1	2/18/2010	1730523	1/13/2010
I-03 PYRUVATE	DK		EPP	Granted	5731399.1	2/22/2010	1730523	1/13/2010
I-03 PYRUVATE	EP		PCT	Granted	5731399.1	9/29/2006	1730523	1/13/2010
I-03 PYRUVATE	FR		EPP	Granted	5731399.1	1/11/2010	1730523	1/13/2010
I-03 PYRUVATE	GB		EPP	Granted	5731399.1	11/5/2009	1730523	1/13/2010
I-03 PYRUVATE	IN		PCT	Granted	5686/DELNP/2006	9/29/2006	260222	4/9/2014
I-03 PYRUVATE	JP		PCT	Granted	2007-506488	9/29/2006	5198849	2/15/2013
I-03 PYRUVATE	MX		PCT	Granted	PA/a/2006/011346	9/29/2006	274539	3/18/2010
I-03 PYRUVATE	NL		EPP	Granted	5731399.1	1/20/2010	1730523	1/13/2010
I-03 PYRUVATE	NZ		PCT	Granted	550197	9/29/2006	550197	2/11/2010

TRADEMARK
REEL: 005483 FRAME: 0896

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-04 IMMOTILE SP	AU		PCT	Granted	2005229073	9/27/2006	2005229073	12/2/2010
I-04 IMMOTILE SP	MX		PCT	Granted	PA/a/2006/011345	9/29/2006	299983	6/7/2012
I-04 IMMOTILE SP	NZ		PCT	Granted	550198	9/28/2006	550198	4/8/2010
I-05 WARM STAIN	AU		PCT	Granted	2004226343	9/28/2005	2004226343	1/22/2009
I-05 WARM STAIN	CN		PCT	Granted	200480014519.X	9/28/2005	200480014519.X	4/9/2008
I-05 WARM STAIN	DE		EPP	Granted	4758585.6	10/23/2007	1608382	8/15/2007
I-05 WARM STAIN	EP		PCT	Granted	4758585.6	10/4/2005	1608382	8/15/2007
I-05 WARM STAIN	FR		EPP	Granted	4758585.6	11/15/2007	1608382	8/15/2007
I-05 WARM STAIN	GB		EPP	Granted	4758585.6	10/18/2007	1608382	8/15/2007
I-05 WARM STAIN	IT		EPP	Granted	4758585.6	11/13/2007	1608382	8/15/2007
I-05 WARM STAIN	MX		PCT	Granted	PA/a/2005/010478	3/29/2004	263809	1/14/2009
I-05 WARM STAIN	NL		EPP	Granted	4758585.6	10/30/2007	1608382	8/15/2007
I-05 WARM STAIN	NZ		PCT	Granted	542688	3/29/2004	542688	10/9/2008
I-05 WARM STAIN	PL		EPP	Granted	4758585.6	11/15/2007	1608382	8/15/2007
I-06 ZAP SPERM	AU		PCT	Granted	2005266930	1/19/2007	2005266930	1/6/2011
I-06 ZAP SPERM	CN		PCT	Granted	200580030309.4	3/9/2007	200580030309.4	7/4/2012
I-06 ZAP SPERM	IN		PCT	Granted	729/DELNP/2007	1/29/2007	258429	1/9/2014
I-06 ZAP SPERM	MX		PCT	Granted	MX/a/2007/000888	7/22/2005	306357	1/4/2013
ST-12 Heterosprm	NZ	1	PCT	Granted	603807	11/23/2012	603807	1/6/2015

TRADEMARK
REEL: 005483 FRAME: 0897

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
ST-15 Vitrific	AT		EPP	Granted	11761180.6	9/18/2014	2605644	6/25/2014
ST-15 Vitrific	AU		PCT	Granted	2011291993	1/30/2013	2011291993	4/3/2014
ST-15 Vitrific	DE		EPP	Granted	11761180.6	8/4/2014	2605644	6/25/2014
ST-15 Vitrific	EP		PCT	Granted	11761180.6	2/15/2013	2605644	6/25/2014
ST-15 Vitrific	FR		EPP	Granted	11761180.6	9/22/2014	2605644	6/24/2014
ST-15 Vitrific	GB		EPP	Granted	11761180.6	9/22/2014	2605644	6/25/2014
ST-15 Vitrific	IE		EPP	Granted	11761180.6	7/30/2014	2605644	6/25/2014
ST-15 Vitrific	NL		EPP	Granted	11761180.6	9/22/2014	2605644	6/25/2014
ST-15 Vitrific	CH		EPP	Granted	11761180.6	8/6/2014	2605644	6/25/2014
ST-24 Diode Lsr	SG		PCT	Granted	201308041-1	10/28/2013	194699	11/25/2014
ST-24 Diode Lsr	US	2	ORD	Granted	13/470,173	5/11/2012	8,502,976	8/6/2013
ST-38 Nozzle 2	AU	1	PCT	Granted	2013202615	4/5/2013	2013202615	11/20/2014
CMI-01 Remote	AR		ORD	Published	20080104850	5/1/2009		
CMI-01 Remote	BR		PCT	Pending	PI 0912002-5	12/28/2010		
CMI-01 Remote	CA		PCT	Pending	2,725,423	10/27/2010		
CMI-01 Remote	EP		PCT	Published	9739245	11/25/2010		
CMI-01 Remote	IN		PCT	Published	4099/KOLNP/2010	5/1/2009		
CMI-01 Remote	US	3	CON	Published	14/176,508	2/10/2014		
I-01 Low Motilit	BR		PCT	Published	PI0509488-7	3/29/2005		
I-01 Low Motilit	CA		PCT	Pending	2,561,661	9/28/2006		
I-01 Low Motilit	CN	Div1	PCT	Pending	201210040778.6	2/21/2012		
I-01 Low Motilit	EP	Div2	DIV	Published	10178442.9	9/22/2010		
I-01 Low Motilit	HK		RCN	Published	13100826.5	1/18/2013		
I-01 Low Motilit	IN		PCT	Published	5685/DELNP/2006	9/29/2006		
I-02 Pulse	BR		PCT	Published	PI0408857-3	9/28/2005		
I-02 Pulse	CA		PCT	Published	2,518,882	9/9/2005		
I-02 Pulse	CA	Div2	DIV	Pending	2,752,218	9/7/2011		

TRADEMARK
REEL: 005483 FRAME: 0898

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-02 Pulse	CA	Div3	DIV	Pending	2,752,312	9/7/2011		
I-02 Pulse	CN	Div2	DIV	Published	201210293626.7	8/16/2012		
I-02 Pulse	CN	Div3	DIV	Published	201210293116.X	8/16/2012		
I-02 Pulse	CN	Div4	DIV	Published	201210293137.1	8/16/2012		
I-02 Pulse	EP	2	DIV	Published	10183913.2	9/30/2010		
I-02 Pulse	EP	4	DIV	Published	10184180.7	9/30/2010		
I-02 Pulse	EP	5	DIV	Published	10184240.9	9/30/2010		
I-02 Pulse	EP	6	DIV	Published	10184826.5	9/30/2010		
I-02 Pulse	EP	7	DIV	Published	10184098.1	9/30/2010		
I-02 Pulse	EP	8	DIV	Allowed	10184321.7	9/30/2010		
I-02 Pulse	EP	9	DIV	Published	10184018.9	9/30/2010		
I-02 Pulse	EP	10	DIV	Allowed	10183943.9	9/30/2010		
I-02 Pulse	EP	11	DIV	Published	10185957.7	10/1/2010		
I-02 Pulse	EP	12	DIV	Published	10184303.5	9/30/2010		
I-02 Pulse	EP	13	DIV	Allowed	10184840.6	9/30/2010		
I-02 Pulse	EP	14	DIV	Allowed	10184283.9	9/30/2010		
I-02 Pulse	EP	15	DIV	Published	10184868.7	9/30/2010		
I-02 Pulse	EP	16	DIV	Allowed	10184426.4	9/30/2010		
I-02 Pulse	EP	17	DIV	Published	10184852.1	9/30/2010		
I-02 Pulse	EP	18	DIV	Published	10184282.1	9/30/2010		
I-02 Pulse	HK	1	REP	Published	10111412.5	12/9/2010		
I-02 Pulse	HK	6	REP	Pending	11110145	11/4/2011		
I-02 Pulse	HK	15	REP	Pending	11110146.9	11/4/2011		
I-02 Pulse	IN	Div1	DIV	Pending	1262/DELNP/2010	2/23/2010		
I-02 Pulse	JP	Div2	DIV	Accepted	2012-008334	1/18/2012		
I-02 Pulse	JP	Div3	DIV	Pending	2014-216689	10/23/2014		
I-02 Pulse	MX	Div3	DIV	Pending	MX/A/2012/001051	1/24/2012		

TRADEMARK
REEL: 005483 FRAME: 0899

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
I-02 Pulse	MX	Div4	DIV	Pending	MX/A/2012/005672	5/16/2012		
I-02 Pulse	MX	Div5	DIV	Pending	MX/A/2012/005671	5/16/2012		
I-02 Pulse	MX	Div6	DIV	Pending	MX/A/2012/005673	5/16/2012		
I-02 Pulse	US	19	CON	Allowed	14/206,832	3/12/2014		
I-03 PYRUVATE	BR		PCT	Published	PI0509466-6	9/29/2006		
I-03 PYRUVATE	CA		PCT	Published	2,561,681	9/29/2006		
I-04 IMMOTILE SP	AR		ORD	Pending	P050101215	3/30/2005		
I-04 IMMOTILE SP	BR		PCT	Published	PI0509485-2	9/29/2006		
I-04 IMMOTILE SP	CA		PCT	Published	2,561,519	9/28/2006		
I-04 IMMOTILE SP	CN		PCT	Published	200580017376.2	11/28/2006		
I-04 IMMOTILE SP	EP	Div1	DIV	Published	14002489.4	7/17/2014		
I-04 IMMOTILE SP	IN		PCT	Published	5684/DELNP/2006	9/29/2006		
I-04 IMMOTILE SP	JP	1	DIV	Published	2008-314417	12/10/2008		
I-06 ZAP SPERM	AR		ORD	Published	P050103054	7/22/2005		
I-06 ZAP SPERM	BR		PCT	Published	PI 051.3685-7	7/22/2005		
I-06 ZAP SPERM	CA		PCT	Accepted	2,574,499	1/19/2007		
I-06 ZAP SPERM	CN	Div1	DIV	Published	201210128480.0	4/27/2012		
I-06 ZAP SPERM	EP	Div1	DIV	Published	10182063.7	9/29/2010		
I-06 ZAP SPERM	HK		RCN	Published	13101545.3	2/4/2013		
I-06 ZAP SPERM	IN	Div1	DIV	Pending	6462/DELNP/2013	7/19/2013		
ST-11 Quinilones	BR		PCT	Pending	BR 11 2012 025022 1	10/1/2012		
ST-11 Quinilones	CA		PCT	Pending	2,794,934	9/28/2012		
ST-11 Quinilones	US	1	PCT	Published	13/635,833	9/18/2012		

TRADEMARK
REEL: 005483 FRAME: 0900

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
ST-12 Heterosprm	AR		ORD	Pending	2011 01 01980	6/8/2011		
ST-12 Heterosprm	BR		PCT	Pending	BR11 2012 031385 1	12/10/2012		
ST-12 Heterosprm	CA		PCT	Pending	2,800,408	11/22/2012		
ST-12 Heterosprm	EP		PCT	Published	11792787.1	12/7/2012		
ST-12 Heterosprm	HK		EPC	Published	13111639.9	10/16/2013		
ST-12 Heterosprm	NZ	2	DIV	Pending	629047	8/20/2014		
ST-12 Heterosprm	US	371	PCT	Published	13/702,986	12/7/2012		
ST-12 Heterosprm	UY		ORD	Published	33.438	6/8/2011		
ST-15 Vitrific	BR		PCT	Pending	BR11 2013 003929.9	2/20/2013		
ST-15 Vitrific	CA		PCT	Pending	2,808,101	2/11/2013		
ST-15 Vitrific	CO		PCT	Published	13-51612	3/14/2013		
ST-17 LaserStr	BR		PCT	Pending	BR11 2013 026790 9	10/17/2013		
ST-17 LaserStr	CA		PCT	Pending	2,833,172	10/11/2013		
ST-17 LaserStr	CL		PCT	Published	3017-2013	10/17/2013		
ST-17 LaserStr	CN		PCT	Pending	201280018875.3	10/17/2013		
ST-17 LaserStr	EP		PCT	Published	12774883.8	11/6/2013		
ST-17 LaserStr	HK		REP	Pending	14108387.8	8/15/2014		
ST-17 LaserStr	IN		PCT	Pending	2992/KOLNP/2013	10/15/2013		
ST-17 LaserStr	US	371	PCT	Published	14/110,117	10/4/2013		
ST-22 Anti-Ox	AR		ORD	Published	20120104505	11/30/2012		
ST-22 Anti-Ox	AU	1	PCT	Pending	2012261941	4/4/2013		
ST-22 Anti-Ox	AU	Div1	DIV	Pending	2013202649	4/5/2013		
ST-22 Anti-Ox	BR		PCT	Pending	BR11 2013 030815 0	11/29/2013		
ST-22 Anti-Ox	CA		PCT	Pending	2,837,340	11/25/2013		
ST-22 Anti-Ox	CO		PCT	Published	13-300556	12/26/2013		
ST-22 Anti-Ox	EP		PCT	Published	12792326.6	11/28/2013		
ST-22 Anti-Ox	NZ		PCT	Pending	617706	11/13/2013		

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
ST-22 Anti-Ox	US	371	PCT	Published	13/823,843	3/15/2013		
ST-22 Anti-Ox	US	Cnt1	CON	Published	13/844,273	3/15/2013		
ST-22 Anti-Ox	US	Cnt2	CON	Published	13/844,636	3/15/2013		
ST-22 Anti-Ox	UY		ORD	Pending	34.482	11/30/2012		
ST-24 Diode Lsr	CN		PCT	Published	201280022789.X	11/11/2013		
ST-24 Diode Lsr	EP		PCT	Published	12782271.6	11/6/2013		
ST-24 Diode Lsr	HK		REP	Pending	14108388.7	8/15/2014		
ST-24 Diode Lsr	IN		PCT	Pending	3305/KOLNP/2013	11/8/2013		
ST-24 Diode Lsr	US	371	PCT	Published	14/114,150	11/13/2013		
ST-29 Mixed Dyes	EP		PCT	Published	12775394.5	3/31/2014		
ST-29 Mixed Dyes	HK		REP	Pending	15101291.7	2/5/2015		
ST-29 Mixed Dyes	US	1	ORD	Published	13/631,249	9/28/2012		
ST-29 Mixed Dyes	US	371	PCT	Published	14/348,194	3/28/2014		
ST-33 Porcine	BR	1	PCT	Pending	BR11-2014-030509-9	12/5/2014		
ST-33 Porcine	CA		PCT	Pending	2,875,058	11/27/2014		
ST-33 Porcine	CL		PCT	Pending	3341-2014	12/5/2014		
ST-33 Porcine	CN		PCT	Pending	201380029461.5	12/4/2014		
ST-33 Porcine	EP		PCT	Pending	13800545.9	12/1/2014		
ST-33 Porcine	KR		PCT	Pending	10-2014-7034384	12/8/2014		
ST-33 Porcine	MX		PCT	Pending	MX/A/2014/015000	12/5/2014		
ST-33 Porcine	NZ		PCT	Pending	630356	9/8/2014		
ST-33 Porcine	US	1	ORD	Published	13/840,598	3/15/2013		
ST-33 Porcine	US	2	CIP	Published	14/090,979	11/26/2013		
ST-33 Porcine	US	371	PCT	Pending	14/406,186	12/5/2014		
ST-33 Porcine	WO	2	ORD	Published	PCT/US2013/072272	11/27/2013		
ST-34 One-Step	NZ		PCT	Pending	630380	9/8/2014		
ST-34 One-Step	US	2	ORD	Published	13/784,578	3/4/2013		

TRADEMARK
REEL: 005483 FRAME: 0901

TRADEMARK
REEL: 005483 FRAME: 0902

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
ST-34 One-Step	WO		ORD	Published	PCT/US2013/028931	3/4/2013		
ST-38 Nozzle 2	AU	2	PCT	Published	2013202631	4/5/2013		
ST-38 Nozzle 2	NZ	1	PCT	Pending	630373	9/8/2014		
ST-38 Nozzle 2	NZ	2	PCT	Pending	630368	9/8/2014		
ST-38 Nozzle 2	US	2	ORD	Published	13/831,254	3/14/2013		
ST-38 Nozzle 2	US	3	ORD	Published	13/831,332	3/14/2013		
ST-38 Nozzle 2	US	5	CIP	Published	14/032,086	9/19/2013		
ST-38 Nozzle 2	WO		ORD	Published	PCT/US2013/031787	3/14/2013		
ST-38 Nozzle 2	WO	CIP	ORD	Published	PCT/US2013/060730	9/19/2013		
ST-40 Twinning	US	2	ORD	Published	13/831,506	3/14/2013		
ST-41 Bar Codes	US	4	CIP	Published	14/057,743	10/18/2013		
ST-41 Bar Codes	WO		ORD	Published	PCT/US2013/065684	10/18/2013		
ST-42 High Eff	NZ		PCT	Pending	630388	9/8/2014		
ST-42 High Eff	US		ORD	Published	13/784,597	3/4/2013		
ST-42 High Eff	WO		ORD	Published	PCT/US2013/028934	3/4/2013		
ST-45 Sprm Srtng	AU	1	ORD	Pending	2013202632	4/5/2013		
ST-45 Sprm Srtng	AU	2	ORD	Pending	2013202635	4/5/2013		
ST-45 Sprm Srtng	NZ		PCT	Pending	630559	9/9/2014		
ST-45 Sprm Srtng	WO		ORD	Published	PCT/US2013/031706	3/14/2013		
ST-45-1 Sprm Stg	US		ORD	Published	13/830,316	3/14/2013		
ST-45-2 Sprm Stg	US		ORD	Published	13/830,333	3/14/2013		
ST-45-3 Sprm Stg	US		ORD	Published	13/830,365	3/14/2013		
ST-46 Mag Prtcl	US		PRO	Pending	62/088,425	12/5/2014		
ST-49 High Press	NZ		PCT	Pending	630394	9/8/2014		
ST-49 High Press	US		CIP	Published	14/045,617	10/3/2013		
ST-49 High Press	WO		ORD	Published	PCT/US2013/063286	10/3/2013		
ST-53 SU 4M	US		PRO	Pending	62/056,364	9/26/2014		

Docket Number	Ctry	Sub Case	CaseType	Status	Application Number	Natl Stage Filing Date	Patent Number	Issue Date
ST-54 Blk Cn Des	US		DES	Pending	29/507,799	10/30/2014		
ST-55 Low Sugar	US		PRO	Pending	62/082,445	11/20/2014		
ST-56 Mag Bead-K	US	3	ORD	Published	13/974,139	8/23/2013		
ST-56 Mag Bead-K	WO		ORD	Published	PCT/US2013/056526	8/23/2013		

TRADEMARK
REEL: 005483 FRAME: 0903

SCHEDULE 2 TO
SUPPLEMENTAL PATENT AND TRADEMARK SECURITY AGREEMENT

TRADEMARKS

(See attached Trademark Listing)

TRADEMARK
REEL: 005483 FRAME: 0904

TRADEMARKS – Inguran, LLC - Unfiled

Docket Number	Mark	Type	US	Foreign	International class	Status	Application Number	Filing Date	Registration No.	Registration Date
INGURAN:										
ING_3	Sexing Technologies	Design		CA	44	Registered	1,353,828	6/28/2007	TMA783646	11/29/2011
ING_4	Sexing Technologies	Design		CA	5	Registered	1,353,947	7/4/2007	TMA789166	1/31/2011
ING_32	Sexing Technologies	Design		CN	5	Pending		7/8/2014		
ING_33	Sexing Technologies	Design		CN	44	Pending	14,659,126	7/8/2014		
ING_43.	Sexing Technologies	Design		CN	31	Pending		1/29/2015		
ING_24	Genetic Development Center	Word	US		44	Registered	85/651,234	6/13/2012	4,531,018	5/13/2014
ING_25	Genetic Development Center	Design	US		44	Pending	85/651,219	6/13/2012		
ING_28	STg	Design	US		5, 31, 39 & 44	Registered	85/807,932	12/20/2012	4,589,447	8/19/2014
ING_29	"g"	Design	US		5, 31 & 44	Registered	85/807,900	12/20/2012	4,593,635	8/26/2014
ING_34	"g"	Design		CN	5	Pending	14659126	7/8/2014		
ING_35	"g"	Design		CN	44	Pending	14659125	7/8/2014		
ING_45	"g"	Design		CN	31	Pending		1/29/2015		
ING_30	SexedUltra	Word	US		1, 5 & 31	Pending	85/942,451	5/24/2013		
ING_30_2	SexedUltra	Word	US		5 & 44	Pending	86/127,430	11/22/2013		
ING_30_2_BR_1	SexedUltra	Word		BR	5	Pending	907729070	5/22/2014		
ING_30_2_BR_2	SexedUltra	Word		BR	44	Pending	907729193	5/22/2014		
ING_30_2_BR_1	SexedUltra	Word		BR	31	Pending	907729100	5/22/2014		
ING_30_2_CA	SexedUltra	Word		CA	5, 31 & 44	Pending	1678048	5/22/2014		
ING_30_2_UY	SexedUltra	Word		UY	31	Pending	455601	5/22/2014		
ING_30_2_UY_2	SexedUltra	Word		UY	5	Pending	455600	5/22/2014		
ING_30_2_UY_3	SexedUltra	Word		UY	44	Pending	455602	5/22/2014		
ING_37	SexedUltra	Design	US		1 (5 & 31)	Pending	86341383	7/18/2014		

TRADEMARK
REEL: 005483 FRAME: 0905

TRADEMARKS – Inguran, LLC - Unfiled

Docket Number	Mark	Type	US	Foreign	International class	Status	Application Number	Filing Date	Registration No.	Registration Date
ING_31	Nature's Finest	Word	US		5, 31 & 44	Pending	86/126,174	11/21/2013		
ING_36	Cyagra		US		42	Registered	78/845,120	3/24/2006	3,290,653	9/11/2007
ING_38	Black Cane	Trade Dress	US		44	Pending	86/483,801	12/18/2014		
ING_39	ST Equine	Word	US		1 (5)	Pending	86/425,033	10/15/2014		
ING_40	ST Equine	Design	US		1 (5)	Pending	86/425,857	10/16/2014		

RECORDED: 03/23/2015
REEL: 005483 FRAME: 0906
TRADEMARK