

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5231466

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MONSANTO TECHNOLOGY LLC	01/14/2008
RECEIVING PARTY DATA		
Name:	INGURAN, LLC	
Street Address:	22575 STATE HIGHWAY 6 SOUTH	
City:	NAVASOTA	
State/Country:	TEXAS	
Postal Code:	77868	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16155576
CORRESPONDENCE DATA		
Fax Number:	(936)870-3115	
<i>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.</i>		
Phone:	9368703960	
Email:	patents@stgen.com	
Correspondent Name:	INGURAN LLC	
Address Line 1:	ATTN: RYAN CHRISTENSEN	
Address Line 4:	NAVASOTA, TEXAS 77868	
ATTORNEY DOCKET NUMBER:	I-2 (US-22)	
NAME OF SUBMITTER:	RYAN CHRISTENSEN	
SIGNATURE:	/Ryan Christensen/	
DATE SIGNED:	11/07/2018	
Total Attachments: 7		
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ASSIGNMENT

WHEREAS, Monsanto Technology LLC ("MONSANTO"), a limited liability corporation duly organized and existing under and by virtue of the laws of the State of Delaware, with its principal place of business at 800 North Lindbergh Boulevard, St. Louis, Missouri 63167 is the owner of the entire right, title, and interest in and to the patent applications and the inventions disclosed therein listed on attached Exhibit A (the "Applications"); and

WHEREAS, Inguran, LLC ("INGURAN"), a limited liability corporation duly organized and existing under and by virtue of the laws of the State of Delaware with its principal place of business at 22575 South Highway 6 South, Navasota, Texas 77868, is desirous of acquiring said right, title, and interest of MONSANTO;

NOW, THEREFORE, in consideration of the sum of One U.S. Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged by MONSANTO:

1. MONSANTO has agreed to and does hereby sell, assign and transfer unto INGURAN, its successors and assigns, all of MONSANTO's right, title and interest in and throughout the world in and to the Applications listed on Exhibit A, including provisional, non-provisional, divisional, continuing, or reissue applications based in whole or in part on any and all inventions disclosed therein, and any and all patents which have been or may be granted on any of the Applications or on said inventions or any part thereof ("Patents"). This assignment to INGURAN expressly includes MONSANTO's full right to sue for and recover all damages recoverable from past infringement of the Applications and the Patents, all of which is to be held and enjoyed by INGURAN, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by MONSANTO had no assignment of the Applications and Patents been made;

2. MONSANTO hereby agrees for itself, its parent, subsidiaries, affiliates, successors and assigns, to execute without further consideration any further lawful documents

and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue or other applications for patents of any country, that may be deemed necessary by INGURAN, its successors or assigns fully to secure to INGURAN its interest as aforesaid in and to the Patents and the Applications or any part thereof.

3. MONSANTO hereby warrants and represents for itself, its parent, subsidiaries affiliates, successors and assigns that: (i) MONSANTO has not granted to any third party any exclusive or non-exclusive right or license to practice or use the inventions embodied in the Applications or Patents; (ii) prior to the execution of this Agreement MONSANTO has not sold, conveyed, transferred, assigned (by operation of law or otherwise), pledged or otherwise encumbered any of the Applications or Patents; and (iii) MONSANTO has not executed any instrument or entered into any agreement in conflict herewith.

IN WITNESS WHEREOF, MONSANTO has caused this Assignment to be executed by a duly authorized representative on the date shown below.

Monsanto Technology LLC

By: _____

(Name)

Executive VP and Chief Technology Officer
(Title)

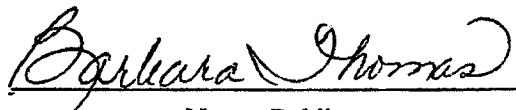
January 14, 2008
(Date)

ACKNOWLEDGMENT

STATE OF MISSOURI)
)
COUNTY OF ST. LOUIS)

On this 14th day of January, 2008, before me, a Notary Public, personally appeared Robb Fraley to me known to be the authorized representative of Monsanto Technology LLC, described herein and who executed the foregoing Assignment on behalf of Monsanto Technology LLC, and acknowledged that he/she is authorized to execute same and did so as his/her free act and deed.

IN TESTIMONY WHEREOF, I have hereby set my hand and seal the date and year last above written.


Notary Public

My Commission Expires: January 8, 2009

BARBARA THOMAS
NOTARY PUBLIC - NOTARY SEAL
STATE OF MISSOURI
ST. LOUIS COUNTY
MY COMMISSION EXPIRES: JAN. 8, 2009
COMMISSION #08407672

Exhibit A – Patent Applications

Patent Family Title: APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM (Monsanto Docket No. 37-21(53260))

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/458607	Perfected	28-Mar-2003	-	-
United States	10/812351	Pending	29-Mar-2004	-	-
PCT	PCT/US04/09646	Filed Nationally	29-Mar-2004	-	-
Argentina	P 04 01 01044	Pending	29-Mar-2004	-	-
Australia	2004225436	Pending	29-Mar-2004	-	-
Brazil	PI0408857-3	Pending	29-Mar-2004	-	-
Canada	2518882	Pending	29-Mar-2004	-	-
China	200480014339.1	Pending	29-Mar-2004	-	-
Europe	04 749 513.0	Pending	29-Mar-2004	-	-
India	3937/DELNP/2005	Pending	29-Mar-2004	-	-
Japan	2006-509457	Pending	29-Mar-2004	-	-
Mexico	PA/A/2005/010492	Pending	29-Mar-2004	-	-
New Zealand	542547	Pending	29-Mar-2004	-	-
South Africa	2005/07151	Pending	29-Mar-2004	-	-

Patent Family Title: PROCESS FOR THE STAINING OF SPERM (Monsanto Docket No. 37-21(53264))

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/458731	Perfected	28-Mar-2003	-	-
United States	10/811593	Allowed	29-Mar-2004	-	-
PCT	PCT/US04/09903	Filed Nationally	29-Mar-2004	-	-
Australia	2004226343	Pending	29-Mar-2004	-	-
Brazil	PI0408852-2	Pending	29-Mar-2004	-	-
Canada	2519989	Pending	29-Mar-2004	-	-
China	200480014519.X	Pending	29-Mar-2004	-	-
Germany	04 758 585.6	Granted	29-Mar-2004	1 608 382	15-Aug-2007
Europe	04 758 585.6	Filed Nationally	29-Mar-2004	1 608 382	15-Aug-2007
France	04 758 585.6	Granted	29-Mar-2004	1 608 382	15-Aug-2007
United Kingdom	04 758 585.6	Granted	29-Mar-2004	1 608 382	15-Aug-2007
India	4369/DELNP/2005	Pending	29-Mar-2004	-	-
Italy	04 758 585.6	Granted	29-Mar-2004	1 608 382	15-Aug-2007
Japan	2006-509532	Pending	29-Mar-2004	-	-
Mexico	PA/A/2005/010478	Pending	29-Mar-2004	-	-
Netherlands	47585856	Granted	29-Mar-2004	1 608 382	15-Aug-2007
New Zealand	542688	Pending	29-Mar-2004	-	-
Poland	04 758 585.6	Granted	29-Mar-2004	1 608 382	15-Aug-2007
South Africa	2005/07823	Pending	29-Mar-2004	-	-

Exhibit A – Patent Applications (Continued)

**Patent Family Title: USE OF A COMPOSITION WHICH REGULATES
OXIDATION/REDUCTION REACTIONS INTRACELLULARLY AND/OR
EXTRACELLULARLY IN A STAINING OR SORTING PROCESS
(Monsanto Docket No. 37-21(53566))**

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/557441	Perfected	29-Mar-2004	-	-
United States	11/092509	Pending	29-Mar-2005	-	-
PCT	PCT/US2005/010598	Filed Nationally	29-Mar-2005	-	-
Argentina	P 05 01 01213	Pending	30-Mar-2004	-	-
Australia	2005228046	Pending	29-Mar-2005	-	-
Brazil	PI0509466-6	Pending	29-Mar-2005	-	-
Canada	2561681	Pending	29-Mar-2005	-	-
China	200580017377.7	Pending	29-Mar-2005	-	-
Europe	05 731 399.1	Pending	29-Mar-2005	-	-
India	5686/DELNP/2006	Pending	29-Mar-2005	-	-
Japan	2007-506488	Pending	29-Mar-2005	-	-
Mexico	PA/A/2006/011346	Pending	29-Mar-2005	-	-
New Zealand	550197	Pending	29-Mar-2005	-	-
South Africa	200608449	Pending	29-Mar-2005	-	-

**Patent Family Title: SPERM SUSPENSIONS FOR SORTING INTO X OR Y
CHROMOSOME-BEARING ENRICHED POPULATIONS
(Monsanto Docket No. 37-21(53613))**

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/557407	Perfected	29-Mar-2004	-	-
United States	11/092313	Pending	29-Mar-2005	-	-
PCT	PCT/US2005/010481	Filed Nationally	29-Mar-2005	-	-
Argentina	P 05 01 01214	Pending	30-Mar-2005	-	-
Australia	2005228893	Pending	29-Mar-2005	-	-
Brazil	PI509488-7	Pending	29-Mar-2005	-	-
Canada	2561661	Pending	29-Mar-2005	-	-
China	200580017370.5	Pending	29-Mar-2005	-	-
Europe	05 731 409.8	Pending	29-Mar-2005	-	-
India	5685/DELNP/2006	Pending	29-Mar-2005	-	-
Japan	2007-506461	Pending	29-Mar-2005	-	-
Mexico	PA/A/2006/011344	Pending	29-Mar-2005	-	-
New Zealand	550196	Pending	29-Mar-2005	-	-
South Africa	2006/08452	Pending	29-Mar-2005	-	-

Exhibit A – Patent Applications (Continued)

**Patent Family Title: PROCESS FOR ENRICHING A POPULATION OF SPERM CELLS
(Monsanto Docket Nos. 37-21(53702) & 37-21(53728))**

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/590270	Perfected	22-Jul-2004	-	-
United States	60/590,769	Perfected	23-Jul-2004	-	-
United States	11/572376	Pending	22-Jul-2005	-	-
PCT	PCT/US2005/026269	Filed Nationally	22-Jul-2005	-	-
Argentina	P 05 01 03054	Pending	22-Jul-2005	-	-
Australia	2005266930	Pending	22-Jul-2005	-	-
Brazil	PI0513685-7	Pending	22-Jul-2005	-	-
Canada	2574499	Pending	22-Jul-2005	-	-
China	200580030309.4	Pending	22-Jul-2005	-	-
Europe	05 775 742.9	Pending	22-Jul-2005	-	-
India	729/DELNP/2007	Pending	22-Jul-2005	-	-
Japan	2007-522836	Pending	22-Jul-2005	-	-
Mexico	MX/A/2007/000888	Pending	22-Jul-2005	-	-
New Zealand	552754	Pending	22-Jul-2005	-	-
South Africa	2007/00862	Pending	22-Jul-2005	-	-

**Patent Family Title: SPERM SUSPENSIONS FOR USE IN INSEMINATION
(Monsanto Docket No. 37-21(53743))**

Country	Serial No.	Status	Filing Date	Patent No.	Date of Grant
United States	60/614178	Perfected	29-Sep-2004	-	-
United States	60/618440	Perfected	13-Oct-2004	-	-
United States	11/092338	Pending	29-Mar-2005	-	-
PCT	PCT/US2005/010599	Filed Nationally	29-Mar-2005	-	-
Argentina	P 05 01 01215	Pending	30-Mar-2005	-	-
Australia	2005229073	Pending	29-Mar-2005	-	-
Brazil	PI0509485-2	Pending	29-Mar-2005	-	-
Canada	2561519	Pending	29-Mar-2005	-	-
China	200580017376.2	Pending	29-Mar-2005	-	-
Europe	05 731 144.1	Pending	29-Mar-2005	-	-
India	5684/DELNP/2006	Pending	29-Mar-2005	-	-
Japan	2007-506489	Pending	29-Mar-2005	-	-
Mexico	PA/A/2006/011345	Pending	29-Mar-2005	-	-
New Zealand	550198	Pending	29-Mar-2005	-	-
South Africa	2006/08453	Pending	29-Mar-2005	-	-

Exhibit A – Patent Applications (Continued)

Invention Disclosure Title: PORATION OF SPERM CELLS BY
ELECTRO-, OPTO-, ETC.PROCESSES FOR ENHANCED DYE UPTAKE AND
IMPROVED VIABILITY AND MOTILITY
(Monsanto Docket No. 37-21(54457))
(Disclosure Date: April 6, 2006)

Invention Disclosure Title: MICROWAVE ENHANCED STAINING OF SPERM
(Monsanto Docket No. 37-21(54793))
(Disclosure Date: October 5, 2006)

Invention Disclosure Title: REAL-TIME PCR METHOD FOR DETERMINING
THE PERCENTAGE OF CELLS IN A SPERM SAMPLE CONTAINING
THE X CHROMOSOME
(Monsanto Docket No. 37-21(54057))
(Disclosure Date: June 6, 2006)

Invention Disclosure Title: USE OF VITAL STAINS TO ASCERTAIN VIABLE
FROM NON-VIABLE CELLS IN SEX-SORTED SEMEN
(Monsanto Docket No. 37-21(54291))
(Disclosure Date: December 20, 2005)

Invention Disclosure Title: ESTIMATION OF SPERM ACTIVITY AND
POTENTIAL FERTILITY BY USE OF TETRAZOLIUM SALTS
(Monsanto Docket No. 37-21(54293))
(Disclosure Date: February 7, 2006)

Invention Disclosure Title: RING DETECTION
(Monsanto Docket No. 37-21(54543))
(Disclosure Date: January 17, 2006)

Invention Disclosure Title: VISIBLE WAVELENGTH EXCITABLE CELL
PERMEABLE DNA SPECIFIC DYES FOR GENDER ENRICHMENT OF SEMEN
(Monsanto Docket No. 37-21(54755))
(Disclosure Date: August 4, 2006)