PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4865029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL NGADI	05/12/2016
LI LIU	05/13/2016
CHEN ZHENG	05/16/2016

RECEIVING PARTY DATA

Name:	MATRIXSPEC SOLUTIONS INC.	
Street Address:	17870 RUE FOSTER	
City:	PIERREFONDS, QUEBEC	
State/Country:	CANADA	
Postal Code:	H9J 3N6	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62116954
Application Number:	15045891

CORRESPONDENCE DATA

Fax Number: (416)216-3930

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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LORELEI G. GRAHAM **Correspondent Name:** 1 PLACE VILLE MARIE Address Line 1:

Address Line 2: **SUITE 2500**

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ATTORNEY DOCKET NUMBER:	56107663-1US1	
NAME OF SUBMITTER:	LORELEI G. GRAHAM	
SIGNATURE: /Lorelei G. Graham/		
DATE SIGNED:	03/14/2018	

Total Attachments: 5

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UNIVERSAL ASSIGNMENT OF INVENTION

WHEREAS,

Name: NGADI, Michael

Address: 17870 Rue Foster, Pierrefonds, QC, H9J 3N6, Canada

Name: LIU, Li

Address: 117 Rue DE Neuville, L'Île-Perrot, QC, J7V 8L3, Canada

Name: ZHENG, Chen

Address: 204 Av Seigniory, Pointe-Claire, QC, H9R 1K2, Canada

(hereinafter referred to as the "Assignor(s)"), has invented one or more invention(s) relating to and entitled

SYSTEMS, DEVICES, AND METHODS FOR DETECTING FERTILITY AND GENDER OF UNHATCHED EGGS

(hereinafter referred to as the "Invention") as set forth and described in the patent applications/patents listed in Schedule "A":

AND WHEREAS,

Name: MATRIXSPEC SOLUTIONS INC.

Address: 17870 Rue Foster, Pierrefonds, QC, H9J 3N6, Canada

(hereinafter referred to as the "Assignee(s)")

desire(s) to acquire the entire right, title, interest, property and benefit in and for Canada, the United States, and all other countries in the world, in and to the Invention(s) held by the Assignor(s);

sell, assign, transfer and set over to the Assignee(s), and to the Assignee's (Assignees') successors, assigns, nominees or other legal representatives, its entire right, title, interest, property and benefit including any right to sue for past infringements in and for Canada, the United States and all other countries and jurisdictions in the world, in and to the Invention(s), any and all applications filed therefor, including any and all corresponding applications whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all patents that may issue, be granted or result therefrom for the Invention(s), and any and all rights of priority resulting from the filing of any of the above-identified applications and any previously filed applications in respect of the Invention(s) under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by (1) the Assignor (when one Assignor) (2) any and all of the Assignors (when multiple Assignors) had this assignment not been made;

do all lawful acts and to execute and deliver, without further consideration, all further documents as may reasonably be required by the Assignee(s), or by its successors, assigns, nominees, or other legal representatives, to obtain said patents in Canada, the United States and all other countries and jurisdictions for the Invention(s) and vest(s) or secure(s) the same in the Assignee(s), and in the Assignee's (Assignees') successors, assigns, nominees or other legal representatives; and

grant to said Assignee(s), its successors, assigns, nominees or other legal representatives, including its (their) patent agent NORTON ROSE FULBRIGHT CANADA LLP/S.E.N.C.R.L., s.r.l., the power to insert on this assignment any further information which may be necessary or desirable in order to comply with statutory requirements for recordation of this document.

ASSIGNOR(S) UNDERSTAND(S) AND AGREE(S) that the attorneys and agents of the law firm of Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. do not personally represent Assignor(s) or its (their) legal interests, but instead represent the interests of Assignee(s). Since Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. cannot provide legal advice to Assignor(s) with respect to this Assignment, Assignor(s) acknowledge(s) its (their) right to seek its (their) own independent legal counsel.

THIS ASSIGNMENT may be executed in counterparts, all of which shall be considered one and the same agreement, and is binding on the heirs, executors, successors and administrators of the Assignor(s).

Date: 2016/05/12

(YYYY/MM/DD)

Assignor:

Name: NGADI, Michae

Witness:

Name: NGADI, Ihedinma

Declaration of Witness

Each witness hereby declares that he/she was personally present and did see the inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above, the inventor being personally known to the witness as the person named above.

Date:	2016/05/13	Assignor:	x Li Liu
	(YYYY/MM/DD)		Name: LIÚ, Lì
		Witness:	x Randal Howarth
			Nama Dandal Howarth

Declaration of Witness

Each witness hereby declares that he/she was personally present and did see the inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above, the inventor being personally known to the witness as the person named above.

Date: 206/05/16

Assignor:

x Chen Zhenij

Name: ZHENG, Chen

Witness:

Name: (1/4/) (1/1/2)

Declaration of Witness

Each witness hereby declares that he/she was personally present and did see the inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above, the inventor being personally known to the witness as the person named above.

Schedule "A"

Assignment of Inventions – Worldwide

Our Reference	Official Number	Title
55959980-1USPR	62/116,954	SYSTEMS, DEVICES, AND METHODS FOR DETECTING FERTILITY AND GENDER OF UNHATCHED EGGS
55959980-1US	15/045,891	SYSTEMS, DEVICES, AND METHODS FOR DETECTING FERTILITY AND GENDER OF UNHATCHED EGGS
55959980-1PCT	Awaiting official number from patent office	SYSTEMS, DEVICES, AND METHODS FOR DETECTING FERTILITY AND GENDER OF UNHATCHED EGGS

PATENT REEL: 045201 FRAME: 0220

RECORDED: 03/14/2018