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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
		NUNC PRO TUNC ASSIGNMENT			
EFFECTIVE DATE:		11/18/2016			
CONVEYING PARTY D	ΑΤΑ				
			Name	Execution Date	
REZA NOSRATI				11/25/2016	
MAX M. GONG				11/24/2016	
DAVID SINTON				11/24/2016	
RECEIVING PARTY DA	ТА				
Name: THE GOVERNING COUNCIL OF THE UNIV				SITY OF TORONTO	
Street Address: 100 COLLEC			GE STREET		
City:	TORO	TORONTO, ON			
State/Country:	CANADA				
Postal Code: M5G 1L5					
PROPERTY NUMBERS	6 Total: 1		Number		
Application Number: 1577		75612			
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CORRESPONDENCE	ΑΤΑ				
Fax Number:		• •	739-9889		
			e-mail address first; if that is uns hat is unsuccessful, it will be sen		
		739-9888			
		/ELL@DOWELLPC.COM			
Correspondent Name:		_	/ELL & DOWELL P.C.		
		HUNTINGTON AVE, SUITE 203			
Address Line 4:		ALEX	KANDRIA, VIRGINIA 22303		
ATTORNEY DOCKET NUMBER:			20254NP		
NAME OF SUBMITTER:			WENDY M. SLADE		
SIGNATURE:			/WENDY M. SLADE/		
DATE SIGNED:			05/11/2018		
Total Attachments: 6					
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WORLDWIDE ASSIGNMENT

We, Reza NOSRATI, Max M. GONG and David SINTON, whose full post office addresses are, 502-121 Queen Street, Kingston, Ontario K7K 0G6, Canada, 405-30 Cosburn Avenue, Toronto, Ontario M4K 2G4, Canada and 219 Albany Avenue, Toronto, Ontario M5R 3C7, Canada, respectively, have invented, DEVICES AND METHODS FOR QUANTIFICATION OF MALE FERTILITY, for which the U.S. provisional patent application was filed:

> Filing Date: November 20, 2015 Serial No. 62/258,178

and for which the International PCT patent application was filed:

6

Filing Date: November 18, 2016 Serial No. PCT/CA2016/051352

in consideration of Two Dollars (\$2.00) paid to US, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, WE by these presents confirm that WE have sold, transferred and assigned and do hereby sell, transfer and assign to THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, ("Assignee"), having offices at, 100 College Street, Toronto, Ontario M5G 1L5, Canada, its successors and assigns or nominees, all OUR rights, title and interest in the United States and all and all other countries of the world in and to OUR invention as fully described and claimed in the United States and International PCT patent applications, and WE sell, assign and transfer to THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, all OUR rights to apply for patent on said invention in the United States and all other countries of the world including any and all full utility applications, divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, any design applications originating therefrom, International PCT patent applications and all national phase applications and all OUR corresponding rights, title and interest in and to any patent which may issue therefor in the United States and all other countries of the world, to have and to hold for THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 's own use and THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 's successors and assigns as fully and entirely as the same might be enjoyed by Reza NOSRATI, Max M. GONG and David SINTON if this sale had not been made.

> PATENT REEL: 045781 FRAME: 0060

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO.

AND WE authorize HILL & SCHUMACHER, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario M4V 2G7, Canada to enter the particulars of the signature and particulars of the Declaration of Witness when missing.

This assignment can be signed in counterparts.

The agreement shall be retroactive *nunc pro tunc* to the filing date of the PCT application such that the effective date of this agreement is **November 18, 2016**.

 \dot{x}^{**}

Signed at (city/town) Kingston______, 2016. This <u>25</u> day of <u>November</u>, 2016. RecuNomati

Reza NOSRATI

DECLARATION OF WITNESS

I. <u>Ali Faridkhou</u>, whose full post office address is, 306 Mack St. King sten Ontario K71 1R2 hereby declare that that I was personally present and did see Reza NOSRATI who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) Kingston 25th This _____day of _<u>NOvember_____</u>, 2016.

A.Fariden

(Signature of Witness)

Signed at (city/town) MADISON, WISCONSIN

This 24 day of NOVEMBER, 2016.

Max M. GONG

DECLARATION OF WITNESS

I. <u>Vanessa Sauli and</u>, whose full post office address is, <u>Scort Sheloggen Aire</u>, <u>Madicon Wisconsin</u>, <u>S3705</u>, hereby declare that that I was personally present and did see **Max M. GONG** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARE at (city/town) Maduson, Wisconsin

This 24th day of New order , 2016.

(Signature of Witness)

PATENT REEL: 045781 FRAME: 0063 Signed at (city/town)

This <u>> 4</u> day of ______, 2016.

David SINTON

DECLARATION OF WITNESS

I. <u>*Heem* Hashan</u>, whose full post office address is, <u>138</u> <u>Woodbine</u> <u>are</u>, <u>Teratfo</u>, <u>ON</u> <u>M4L2A2</u>, hereby declare that that I was personally present and did see **David SINTON** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARE at (city/town) ______

This _ Ə Y__day of ______, 2016.

(Signature of Witness)

ACCEPTANCE

The Assignee accepts this assignment.

Signed at (city/town) <u>Toron to, on</u> This_5 th day of <u>January</u> , 2018.
This_5_ day of <i>Anuary</i> , 2018.
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO
Signature:
Name: Janniler Fraser, MSc. MBA Director. Immedians & Partnerships
Position:
DECLARATION OF WITNESS
1. Colin Conneral - White whose full post office address
is, <u>6 Fl. Grand Are</u> hereby declare that I was
is, <u>GELCOME</u> , hereby declare that I was personally present and did see, <u>Junifer</u> , who is
is, <u>6 Fl. Grand Are</u> hereby declare that I was
is, <u>GELCAN</u> hereby declare that I was personally present and did see, <u>GELCAN</u> , who is personally known to me to be the person that has duly signed and executed the above
is, <u>GELCCARE</u> , hereby declare that I was personally present and did see, <u>GELCCARE</u> , who is personally known to me to be the person that has duly signed and executed the above assignment on behalf of THE GOVERNING COUNCIL OF THE UNIVERSITY OF

(Signature of Witness)

RECORDED: 05/11/2018