PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ten-Tsao Wong	12/13/2011
Paul Collodi	12/13/2011

RECEIVING PARTY DATA

Name:	Purdue Research Foundation	
Street Address:	1281 Win Hentschel Blvd	
City:	West Lafayette	
State/Country:	INDIANA	
Postal Code:	47906	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13982418

CORRESPONDENCE DATA

Fax Number: 7654633486

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: otcpatent@prf.org

Correspondent Name: Purdue Research Foundation
Address Line 1: 1281 Win Hentschel Blvd
Address Line 4: West Lafayette, INDIANA 47906

ATTORNEY DOCKET NUMBER:	65736-04
NAME OF SUBMITTER:	Jeni Martin
Signature:	/Jeni Martin/
Date:	08/13/2013

Total Attachments: 6

PATENT REEL: 030997 FRAME: 0745 OP \$40.00 13982418

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PATENT REEL: 030997 FRAME: 0746

PRF Ref No. 65736.00.WO

ASSIGNMENT

WHEREAS, WE, TEN-TSAO WONG citizen of Taiwan; PAUL COLLODI, citizen of

the United States; (hereinafter "Assignors"), have made or developed a technology, generally

known as:

"EFFICIENT STERILIZATION OF FISH BY DISRUPTION OF GERM CELL

DEVELOPMENTN",

which is further described in an international patent application filed under the Patent

Cooperation Treaty on December 2, 2011 and accorded Application No. PCT/US2011/063126

("Technology"); and

WHEREAS, Purdue Research Foundation, a statutory body corporate formed and

existing under the Indiana Foundation or Holding Companies Act of 1921, having a place of

business at 1281 Win Hentschel Blvd, West Lafayette, IN 47906 (hereinafter "Assignee"), is

desirous of accepting and assuming all such right, title, and interests of the Assignor.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby

acknowledged, the Assignor(s) do hereby sell, transfer, convey, assign and deliver unto the

Assignee, its successors, assigns and legal representatives, any and all intellectual property rights

related to the Technology, including but not limited to: all precursors, portions, and works in

progress with respect thereto and all inventions, works of authorship, masks works, technology,

information, know-how, materials and tools relating thereto or to the development, support or

maintenance thereof; all copyright, patent rights, trade secret rights, trademark rights, mask

works rights, and all other intellectual property rights and all business, contract rights and

goodwill in, incorporated or embodied in, used to develop, or related to any of the foregoing and

any registrations and applications for registrations of the foregoing throughout the United States

of America and the world and any and all other applications arising therefrom, including any and

all divisions and continuations of the Technology, and any and all patents to be issued and

obtained therefore and thereon, in the United States and throughout the world, including all

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reissues, substitutions, supplements, and extensions thereof (collectively, the "Intellectual

Property");

AND WE HEREBY agree to communicate to Assignee or its representative any facts

known to us respecting the Technology whether or not patentable, which we may conceive,

develop, make, produce or reduce to practice in whole or in part as a result of any employment,

research, or activity involving or relating to the use of Purdue University resources; and agree to

sign all lawful documents and make all rightful oaths and declarations relating to said

Technology and Intellectual Property; authorize Assignee to insert herein the date of application,

serial number, date of registration, and registration number of patents issued once known; and

agree to otherwise aid ASSIGNEE as necessary and desirable to:

1. Obtain, enforce, and maintain any issued letters patent in the United States or

throughout the world, when reasonably requested to do so by Assignee, including but not limited

to executing, acknowledging, and delivering to Assignee such written documents and

instruments as Assignee requests and giving testimony in support of Assignee's inventorship, as

may be necessary in Assignee's opinion to obtain and maintain patents in the United States of

America and throughout the world;

2. Secure or aid in securing and maintaining copyright protection in the Intellectual

Property and assist Assignee or its nominees in filing applications to register copyright in the

name of Assignee as owner in such Intellectual Property; and

3. Execute, acknowledge, and deliver to Assignee at its expense, such written

documents and instruments and do such other acts as may be necessary in the opinion of

Assignee, to vest the entire rights, title, and interests in and to the Intellectual Property to

Assignee and to confirm the complete ownership thereof by Assignee.

AND WE HEREBY authorize ASSIGNEE to take any and all action necessary to

effectuate this Assignment, including but not limited to, the filing of the Assignment with the

U.S. Patent and Trademark Office and U.S. Copyright Office.

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AND WE HEREBY authorize and request the Director of the U.S. Patent and Trademark

Office or any other proper officer or agency throughout the world to issue any and all said letters

patent to Assignee.

AND WE HEREBY warrant and covenant that we have full rights to convey the entire

right, title and interest herein assigned and that we have not executed and will not execute any

instrument or assignment in conflict herewith;

This Assignment shall be binding upon Assignor(s) and their heirs, successors, and

assigns. Should any term of this Assignment be found invalid or unenforceable, it shall not

affect the validity or enforceability of any other term of this Assignment. The laws of the State

of Indiana will govern the interpretation, validity, and effect of this Assignment, without regard

to the place of making or to the place of performance.

[SIGNATURES ON NEXT PAGE]

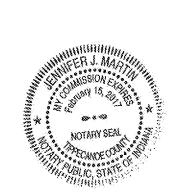
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IN WITNESS WHEREOF, We ha	we hereunto set our hands and seals.
ASSIGNOR:	
December 13 2011	TEN-TSAO WONG
County of Tin 00///////////////////////////////////	
State of TIMMA	ss:
County and State aforesaid, personally app	which, before me a Notary Public in and for the eared <i>TEN-TSAO WONG</i> , to me known and known to signed and sealed the foregoing instrument, and e act and deed.
(SEAL)	Notary Public My commission Expires



December 12 2011	Jat Collett
Date	PAUL COLLODI
County and State aforesaid, personally appe) ss: () () () () () () () () () () () () () (
(SEAL)	Notary Public My commission Expires



ACCEPTED BY ASSIGNEE:

13 December 2811

Date

By: The Harrisely

Printed: Elizabeth A. Hart-Wells

Title: Assistant Vice-President and Director

Office of Technology Commercialization

Purdue Research Foundation

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PATENT REEL: 030997 FRAME: 0752