

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William E. Grieshober Jr.</td> <td>07/30/2013</td> </tr> <tr> <td>James S. Jones</td> <td>07/30/2013</td> </tr> <tr> <td>Semyon Kogan</td> <td>09/09/2013</td> </tr> <tr> <td>Ilya Ilyin</td> <td>09/09/2013</td> </tr> <tr> <td>Natella I. Erukashvily</td> <td>07/24/2013</td> </tr> <tr> <td>Yana A. Filkina</td> <td>07/24/2013</td> </tr> <tr> <td>Alexander N. Schumeev</td> <td>07/24/2013</td> </tr> <tr> <td>Stanislav Kolchanov</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	William E. Grieshober Jr.	07/30/2013	James S. Jones	07/30/2013	Semyon Kogan	09/09/2013	Ilya Ilyin	09/09/2013	Natella I. Erukashvily	07/24/2013	Yana A. Filkina	07/24/2013	Alexander N. Schumeev	07/24/2013	Stanislav Kolchanov	07/24/2013
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>Advanced Preservations Technologies, LLC</td> </tr> <tr> <td>Street Address:</td> <td>One Robert Rich Way</td> </tr> <tr> <td>City:</td> <td>Buffalo</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14213</td> </tr> </table>		Name:	Advanced Preservations Technologies, LLC	Street Address:	One Robert Rich Way	City:	Buffalo	State/Country:	NEW YORK	Postal Code:	14213								
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PCT Number:	US2012023790																		
CORRESPONDENCE DATA																			
<p>Fax Number:  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216.363.9000</p> <p>Email: uspto@faysharpe.com</p> <p>Correspondent Name: FAY SHARPE LLP</p> <p>Address Line 1: 1228 Euclid Avenue</p> <p>Address Line 4: Cleveland, OHIO 44115</p>																			
ATTORNEY DOCKET NUMBER:	RICH 200755WO01																		

PATENT

NAME OF SUBMITTER:	Brian E. Turung
Signature:	/bet/
Date:	09/10/2013
<p>Total Attachments: 7 source=667851_1#page1.tif source=667851_1#page2.tif source=667851_1#page3.tif source=667851_1#page4.tif source=667851_1#page5.tif source=667851_1#page6.tif source=667851_1#page7.tif</p>	

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, William E. Grieshober, James S. Jones, Semyon Kogan, Ilya Ilyin, Natella I. Erukashvily, Yana A. Filkina, Alexander Shumeev, and Stanislav Kolchanov ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ filed February 3, 2012, and assigned PCT Application No. PCT/US2012/023790

and is entitled

## **METHOD FOR PRESERVING CELLS AND CELL CULTURES**

hereby sell, assign and transfer to **Advanced Preservations Technologies, LLC** ("Assignee"), a corporation of the State of Delaware, having a place of business at **One Robert Rich Way, Buffalo, NY 14213**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any

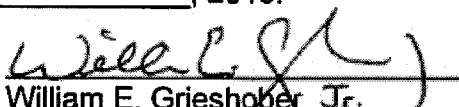
**PATENT**

**REEL: 031174 FRAME: 0899**

legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of Buffalo State of New York  
on this 30<sup>th</sup> day of July, 2013.

  
William E. Grieshaber Jr.

State of New York  
County of ERIE

)  
)ss:  
)

On this 30<sup>th</sup> day of July, 2013 before me  
personally came William E. Grieshaber, to me known to be the individual described in  
and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Seal

ERICA R. FRANK  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01FR6117391  
Qualified in Erie County  
My Commission Expires October 25, 2016

Signed at the City of Buffalo State of New York  
on this 30<sup>th</sup> day of July, 2013.

James S. Jones  
James S. Jones

State of New York

County of ERIE

)  
)ss:  
)

On this 30 day of July, 2013 before me  
personally came James S. Jones, to me known to be the individual described in and  
who executed the foregoing instrument, and acknowledged execution of the same.

Erica R. Frank  
Notary Public

Seal

ERICA R. FRANK  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01FR6117391  
Qualified in Erie County  
My Commission Expires October 25, 2016

Signed at the City of \_\_\_\_\_ State of \_\_\_\_\_  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Semyon Kogan

State of \_\_\_\_\_

County of \_\_\_\_\_

)  
)ss:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me  
personally came Semyon Kogan, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Seal

Signed at the City of \_\_\_\_\_ State of \_\_\_\_\_  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
James S. Jones

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss:  
\_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me  
personally came James S. Jones, to me known to be the individual described in and  
who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Seal

Signed at the City of Boston State of MA  
on this 08 day of September, 2013.

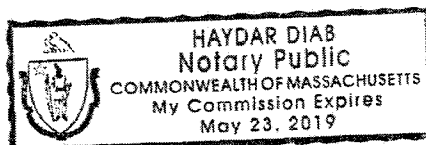
Semyon Kogan  
Semyon Kogan

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss:  
\_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me  
personally came Semyon Kogan, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public

Seal



Signed at the City of Boston State of MA  
on this 09 day of September, 2013

[Signature]  
Ilya Ilyin

State of

)

)ss:

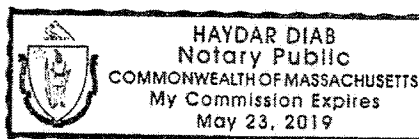
County of

)

On this \_\_\_\_ day of \_\_\_\_\_, 2013 before me  
personally came Ilya Ilyin, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public

Seal



Signed at St. Petersburg, Russia on July, 24, 2013.

  
Natella I. Enukashvily

Witnesses:

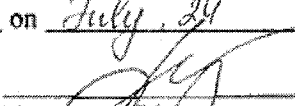
  
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Printed Name: Igor Kachko

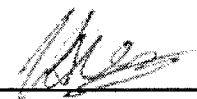
  
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Printed Name: Mark Bakhrakh

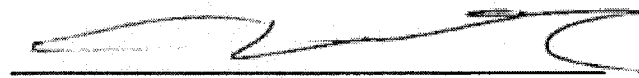
Signed at St. Petersburg, Russia on July, 24, 2013.

  
Yana A. Filkina

Witnesses:

  
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Printed Name: Igor Kachko

  
\_\_\_\_\_

Printed Name: Mark Bakhrakh.

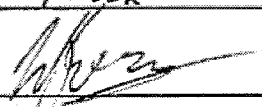


Signed at St. Petersburg, Russia on July 24, 2013.

  
Alexander N. Shumeev

Witnesses:

  
Printed Name: Mark Bakhzakh

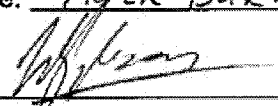
  
Printed Name: Igor Kachko

Signed at St. Petersburg, Russia on July 24, 2013.

  
Stanislav Kalchanov

Witnesses:

  
Printed Name: Mark Bakhzakh

  
Printed Name: Igor Kachko