

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3098308

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPHER MALCUIT	02/07/2013
LINDA LEMIEUX	12/02/2010
WILLIAM HOLMES	01/26/2013
LUCY VILNER	01/15/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ADVANCED CELL TECHNOLOGY, INC.
<b>Street Address:</b>	33 LOCKE DRIVE
<b>City:</b>	MARLBOROUGH
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01752
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2010057056
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<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>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_maryannet@wolfgreenfield.com
<b>Correspondent Name:</b>	WOLF, GREENFIELD & SACKS, P.C.
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 2:</b>	MARIA A. TREVISAN
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	A1025.70037WO00
<b>NAME OF SUBMITTER:</b>	NICOLE MILLETTE LAPOMARDO
<b>SIGNATURE:</b>	/NICOLE MILLETTE LAPOMARDO/
<b>DATE SIGNED:</b>	11/06/2014
<b>Total Attachments: 24</b>	
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## ASSIGNMENT

WHEREAS, WE, Christopher MALCUIT, residing at 145 Keswick Dr., Hudson, OH 44236; Linda LEMIEUX, residing 35 Kruse Road, Hubbardston, MA 01452; William HOLMES, residing at 355 May St., Worcester, MA 01602; Pedro HUERTAS, having a mailing address of PO Box 635, Lincoln, MA 01773 and Lucy VILNER, residing at 5 Carlisle Avenue, Johnston, RI 02919 have invented certain new and useful improvements in and to the subject matter of:

### **METHODS OF PRODUCING HUMAN RPE CELLS AND PHARMACEUTICAL PREPARATIONS OF HUMAN RPE CELLS**

described in the following applications:

United States Provisional Patent Application No. 61/262,002, filed November 17, 2009  
International Patent Application No. PCT/US10/57056 filed on November 17, 2010

AND, WHEREAS, **ADVANCED CELL TECHNOLOGY, INC.**, a corporation, having a place of business located at **33 Locke Dr. Marlborough, MA 01752** (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, based in whole or in part on said United States applications or in whole or in part on said improvements, any foreign applications, including international, national stage, and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, including the aforesaid applications and any divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, based in whole or in part on said applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agent, Hunton & Williams LLP, whose address is 2200 Pennsylvania Avenue, N.W., Washington, DC 20037 to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications

for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

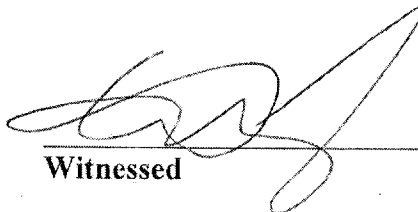
AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, WE have hereunto set our hand and seal.

2/7/13  
Date

  
Christopher MALCUIT

2/7/13  
Date

  
Witnessed

W. G. M. Gimpsey  
Name of witness (print)

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

Date \_\_\_\_\_

---

Linda LEMIEUX

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

) ss.

State of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires \_\_\_\_\_

**HUNTON & WILLIAMS LLP**  
**INTELLECTUAL PROPERTY DEPARTMENT**  
**2200 PENNSYLVANIA AVENUE, N.W.**  
**WASHINGTON, DC 20037**  
**(202) 955-1500 (TELEPHONE)**  
**(202) 778-2201 (FACSIMILE)**

\_\_\_\_\_  
Date

\_\_\_\_\_  
William HOLMES

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Witnessed**  
  
\_\_\_\_\_

HUNTON & WILLIAMS LLP  
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WASHINGTON, DC 20037  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Pedro HUERTAS

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Witnessed**

\_\_\_\_\_  
Name of witness (print)

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVENUE, N.W.  
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(202) 778-2201 (FACSIMILE)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lucy VILNER

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

) ss.

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

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

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## ASSIGNMENT

WHEREAS, WE, Christopher MALCUIT, residing at 48 Old Belchertown, Ware, MA 01082; Linda LEMIEUX, residing 35 Kruse Road, Hubbardston, MA 01452; William HOLMES, residing at 355 May St., Worcester, MA 01602; Pedro HUERTAS, residing at 283 Simon Willard Road, Concord, MA 01742 and Lucy VILNER, residing at 5 Carlisle Avenue, Johnston, RI 02919 have invented certain new and useful improvements in and to the subject matter of:

### **METHODS OF PRODUCING HUMAN RPE CELLS AND PHARMACEUTICAL PREPARATIONS OF HUMAN RPE CELLS**

described in the International Patent Application No. \_\_\_\_\_ filed on November 17, 2010 and U.S. Provisional Patent Application No. 61/262,002, filed November 17, 2009;

AND, WHEREAS, **ADVANCED CELL TECHNOLOGY, INC.**, a corporation, having a place of business located at **33 Locke Dr. Marlborough, MA 01752** (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, based in whole or in part on said United States applications or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, including the aforesaid applications and any divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, based in whole or in part on said applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agent, Hunton & Williams LLP, whose address is 1900 K Street, Suite 1200, Washington, DC 20006-1109, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest

and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, WE have hereunto set our hand and seal.

_____	_____
Date	Christopher MALCUIT
County of	)
	) ss.
State of	)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

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

My Commission Expires \_\_\_\_\_

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
1900 K STREET, N.W.  
SUITE 1200  
WASHINGTON, DC 20006-1109  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

12-2-10  
Date  
County of Worcester )  
State of Massachusetts ) ss.

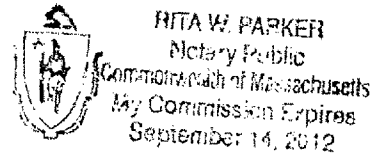
Linda Lemieux  
Linda LEMIEUX

On this 2nd day of December, 2010, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Rita W. Parker  
Notary Public

(SEAL)

My Commission Expires \_\_\_\_\_



HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
1900 K STREET, N.W.  
SUITE 1200  
WASHINGTON, DC 20006-1109  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)



Date \_\_\_\_\_

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

State of

# Pedro HUERTAS

1

)

SS.

)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires \_\_\_\_\_

**HUNTON & WILLIAMS LLP**  
**INTELLECTUAL PROPERTY DEPARTMENT**  
**1900 K STREET, N.W.**  
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**WASHINGTON, DC 20006-1109**  
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IN WITNESS WHEREOF, WE have hereunto set our hand and seal.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Christopher MALCUIT

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
Name of witness (print)

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)



Date \_\_\_\_\_

---

Linda LEMIEUX

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

) SS.

State of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires \_\_\_\_\_

**HUNTON & WILLIAMS LLP**  
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**WASHINGTON, DC 20037**  
**(202) 955-1500 (TELEPHONE)**  
**(202) 778-2201 (FACSIMILE)**

1/26/2013  
Date

William Holmes  
William HOLMES

1/26/2013  
Date

Mary Grace Holmes  
Witnessed

Mary Grace Holmes  
Name of witness (print)

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037  
(202) 955-1500 (TELEPHONE)  
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\_\_\_\_\_  
Date

\_\_\_\_\_  
Pedro HUERTAS

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
Name of witness (print)

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
2200 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

Date \_\_\_\_\_ Lucy VILNER  
County of \_\_\_\_\_ )  
                             ) ss.  
State of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires \_\_\_\_\_

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## ASSIGNMENT

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Date \_\_\_\_\_ Linda LEMIEUX  
County of \_\_\_\_\_ )  
State of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires \_\_\_\_\_

**HUNTON & WILLIAMS LLP**  
**INTELLECTUAL PROPERTY DEPARTMENT**  
**2200 PENNSYLVANIA AVENUE, N.W.**  
**WASHINGTON, DC 20037**  
**(202) 955-1500 (TELEPHONE)**  
**(202) 778-2281 (FACSIMILE)**

Date \_\_\_\_\_ William HOLMES  
County of \_\_\_\_\_ )  
                              ) ss.  
State of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Pedro HUERTAS

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Witnessed**

\_\_\_\_\_  
Name of witness (print)

HUNTON & WILLIAMS LLP  
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(202) 778-2201 (FACSIMILE)

1-15-13  
 Date  
 County of )  
 State of ) ss.  
 )

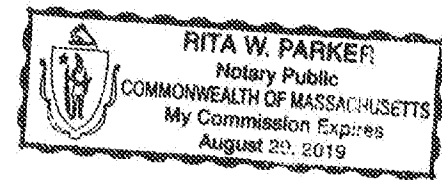
Lucy Vilner  
 Lucy VILNER

On this 15<sup>th</sup> day of January, 20 13, before me a Notary Public in and for the County and State aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed

[Signature]  
 Notary Public

(SEAL)

My Commission Expires 8/29/2019



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