

02-17-2009


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**COVER SHEET
ONLY**

To the Director or the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

| | |
|---|---|
| 1. Name of conveying party(ies): Michael D. West (06/17/03); Raymond Page (06/17/03); Hans Scholer (06/17/03); and Karen Chapman (06/17/03) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Advanced Cell Technology, Inc.</u> Internal Address: _____ Street Address: _____ 381 Plantation Street Biotech V City: <u>Worcester</u> State: <u>Massachusetts</u> Country: <u>United States of America</u> Zip: <u>01605</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | 4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Matthew P. Vincent, J.D., Ph.D.</u> <u>ROPES & GRAY LLP</u> Internal Address: <u>Atty. Dkt.: 103080-P03-010</u> Street Address: <u>One International Place</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02110</u> Phone Number: <u>(617) 951-7739</u> Fax Number: <u>(617) 951-7050</u> Email Address: <u>MVincent@ropesgray.com</u> | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>18-1945</u> Authorized User Name <u>Matthew P. Vincent, J.D., Ph.D.</u> |
| 9. Signature: <div style="display: flex; justify-content: space-between;"> <div style="width: 60%; text-align: center;">  Signature Hannah Rhys Koyfman, Ph.D. - 62,912 Name of Person Signing </div> <div style="width: 35%; text-align: center;"> <u>February 3, 2009</u> Date </div> </div> | |

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 Total number of pages in this cover sheet, attachments, and documents:
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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EM 273859382 US, on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
 Dated: 2-3-09 Signature: Maura A. Gallagher (Maura A. Gallagher)

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Advanced Cell Technology, Inc.
One Innovation Drive
Worcester, Massachusetts 01605**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

SCREENING ASSAYS FOR IDENTIFYING DIFFERENTIATION-INDUCING AGENTS AND PRODUCTON OF DIFFERENTIATED CELLS FOR CELL THERAPY

as set forth in his United States Patent Application (check one):

executed concurrently herewith,
 executed on _____,
 Serial No. 10/227,282, filed August 26, 2002.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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Inventor one:
Citizen of:

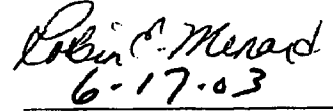
Michael D. WEST
United States of America

6-17-03

(date)



(signature of 1st inventor)


6-17-03

(signature of witness)

Inventor two:
Citizen of:

Raymond PAGE
United States of America

(date)

(signature of 2nd inventor)

(signature of witness)

Inventor three:
Citizen of:

Hans SCHOLER
United States of America

(date)

(signature of 3rd inventor)

(signature of witness)

Inventor four:
Citizen of:

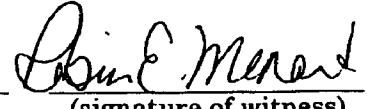
Karen CHAPMAN
United States of America

6/17/03

(date)



(signature of 4th inventor)


(signature of witness)

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Inventor one: **Michael D. WEST**
Citizen of: **United States of America**

(date)

(signature of 1st inventor)

(signature of witness)

Inventor two: **Raymond PAGE**
Citizen of: **United States of America**

June 17, 2003
(date)

Raymond P. Page
(signature of 2nd inventor)

Robin P. Maren
(signature of witness)

Inventor three: **Hans SCHOLER**
Citizen of: **United States of America**

(date)

(signature of 3rd inventor)

(signature of witness)

Inventor four: **Karen CHAPMAN**
Citizen of: **United States of America**

(date)

(signature of 4th inventor)

(signature of witness)

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18-06-2003 15:44 FROM ADVANCE CELL TECHNOLOGY

TO 011492282698222 P.04

orney Docket No.: 100975.54335US

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Citizen of: **United States of America**

(date) (signature of 1st inventor) (signature of witness)

Inventor two: **Raymond PAGE**
Citizen of: **United States of America**

(date) *Raymond Page* (signature of 2nd inventor) (signature of witness)

Inventor three: **Hans SCHOLER**
Citizen of: **United States of America**

June - 17, 2003
(date) *Hans Scholer* (signature of 3rd inventor) (signature of witness)

Inventor four: **Karen CHAPMAN**
Citizen of: **United States of America**

(date) (signature of 4th inventor) (signature of witness)

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Screening assays for identifying differentiation - inducing agents and production of differentiated cells for cell therapy