

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jennie P. Mather	01/30/2008
Penelope Roberts	02/01/2008
RECEIVING PARTY DATA	
Name:	Raven Biotechnologies, Inc.
Street Address:	One Corporate Drive
City:	South San Francisco
State/Country:	CALIFORNIA
Postal Code:	94080
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	60881497
Application Number:	60907180
Application Number:	60924247
Application Number:	60950714
Application Number:	60972613
Application Number:	12018126
CORRESPONDENCE DATA	
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CH \$240.00 60881497

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PATENT
REEL: 020499 FRAME: 0247

ATTORNEY DOCKET NUMBER:

RAVE-005/05US 181197-2003

NAME OF SUBMITTER:

Edward Amaya

Total Attachments: 4

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ASSIGNMENT

Jennie P. Mather, c/o One Corporate Drive, South San Francisco, CA 94080 and Penelope Roberts, c/o One Corporate Drive, South San Francisco, CA 94080 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **HUMAN CANCER STEM CELLS** and which is a:

- (1) ☒ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application Nos. **60/881,497**, filed January 22, 2007, **60/907,180**, filed March 23, 2007, **60/924,247**, filed May 4, 2007, **60/950,714**, filed July 19, 2007, **60/972,613**, filed September 14, 2007; and
- (2) ☒ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. **12/018,126**, and filed on January 22, 2008.

WHEREAS, RAVEN BIOTECHNOLOGIES, INC., a corporation duly organized under and pursuant to the laws of **California**, and having its principal place of business at **One Corporate Drive, South San Francisco, CA 94080** (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD KRONISH L.L.P. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 1-30-08

By: Jennie P. Mather
JENNIE P. MATHER

State of _____)
) ss.
 County of _____)

On _____, before me, _____, Notary Public, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

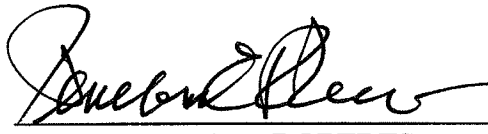
WITNESS my hand and official seal.

 Signature of Notary Public

Place Notary Seal Above

My Commission Expires: _____

Date: 1 FEB 2008

By: 
Penelope ROBERTS

State of _____)		_____) ss.
County of _____)		
<p>On _____, before me, _____, Notary Public, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.</p> <p>WITNESS my hand and official seal.</p>		
<p>_____ Signature of Notary Public</p>		<p>Place Notary Seal Above</p>
<p>My Commission Expires: _____</p>		