

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Matrix Genetics, LLC	05/01/2012

RECEIVING PARTY DATA

Name:	Avista Development, Inc.
Street Address:	1411 E. Mission
Internal Address:	MSC 68, PO BOX 3727
City:	Spokane
State/Country:	WASHINGTON
Postal Code:	99220-3727

PROPERTY NUMBERS Total: 10

Property Type	Number
Application Number:	12605204
Application Number:	12794536
Application Number:	12645228
Application Number:	13080496
Application Number:	61595017
Application Number:	61625887
Application Number:	61609063
Application Number:	61425181
Application Number:	61452525
Application Number:	61477773

CORRESPONDENCE DATA

Fax Number: (509)838-0007
 Phone: 509-455-6000
 Email: george.grigel@paineambly.com

OP \$400.00 12605204

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: George G. Grigel
Address Line 1: 717 W. Sprague Ave., Suite 1200
Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	17914-00041
NAME OF SUBMITTER:	George G. Grigel
Total Attachments: 2 source=MatrixSecAg#page1.tif source=MatrixSecAg#page2.tif	

**NOTICE OF GRANT OF SECURITY INTEREST
IN PATENTS & PATENT APPLICATIONS**

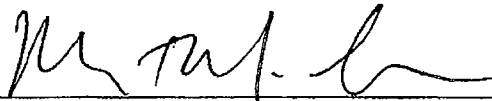
WHEREAS, MATRIX GENETICS, LLC, a Washington limited liability company (the "Debtor"), is the duly assigned owner of the patents and patent applications referenced herein, and further is authorized to grant and has granted a security interest in and lien on the patents and patent applications referenced herein to AVISTA DEVELOPMENT, INC., as Collateral Agent for itself and certain other lenders (the "Secured Party");

NOW, THEREFORE, be advised that pursuant to that certain Security Agreement dated as of May 1, 2012 (as amended, restated, modified, renewed, supplemented or extended from time to time, the "Security Agreement") made by the Debtor in favor of the Secured Party, the Debtor has granted to the Secured Party a continuing security interest in and lien on the patents and patent applications listed on Schedule A attached hereto, and any and all related foreign patents and patent applications which claim priority from any of the identified patents or patent applications listed on Schedule A.

The Debtor hereby authorizes the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to administer such affairs, to record this Notice of Grant of Security Interest, and to disclose the information herein to the public as notice of such grant of such security interest and lien in favor of the Secured Party. The Debtor further represents and warrants that the Debtor has the full right to grant the security interest and lien referenced herein, that there are no rights or interests outstanding or inconsistent with the security interest and lien referenced herein, including no liens or encumbrances on the patents and patent applications referenced above, and that the Debtor will not execute any instrument or transfer any rights or interests inconsistent with the security interest and lien referenced herein.

IN TESTIMONY WHEREOF, this instrument has been duly executed and delivered as of May 1, 2012.

MATRIX GENETICS, LLC



Margaret McCormick, Chief Executive Officer

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SCHEDULE A

Patents (U.S.)

None

Patent Applications (U.S.)

MODIFIED PHOTOSYNTHETIC MICROORGANISMS FOR PRODUCING TRIGLYCERIDES, APP NO. 12/605204, PUB NO. US2010/0081178

MODIFIED PHOTOSYNTHETIC MICROORGANISMS FOR PRODUCING TRIGLYCERIDES, APP NO. 12/794536, PUB NO. US 2010/0255551

MODIFIED PHOTOSYNTHETIC MICROORGANISMS WITH REDUCED GLYCOGEN AND THEIR USE IN PRODUCING CARBON-BASED PRODUCTS, APP NO. 12/645228, PUB NO. US 2010/0184169

MODIFIED PHOTOSYNTHETIC MICROORGANISMS FOR PRODUCING LIPIDS, APP NO. 13/080496, PUB NO. US2011/0250659

MODIFIED PHOTOSYNTHETIC MICROORGANISMS FOR CONTINUOUS PRODUCTION OF CARBON-BASED COMPOUNDS, APP NO. 61/595017

MODIFIED PHOTOSYNTHETIC MICROORGANISMS FOR CONTINUOUS PRODUCTION OF CARBON-BASED COMPOUNDS, APP NO. 61/625887

MODIFIED DIACYLGLYCEROL ACYLTRANSFERASE PROTEINS AND METHODS OF USE THEREOF, APP NO. 61/609063

61/425,181

61/452,525

61/477,773