

2/19/10

02-23-2010



Form PTO-1594 (Rev. 10-08)
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103589673
RECORDATION FORM COVER SHEET
TRADEMARKS ONLY

FEB 19 2010

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

1. Name of conveying party(ies):
PATHWAY GENOMICS CORPORATION

Individual(s) Association
 General Partnership Limited Partnership
 Corporation- State: Delaware
 Other _____

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party(ies) Yes
 No

Additional names, addresses, or citizenship attached? Yes No

Name: Venture Lending & Leasing V. Inc.
Internal
Address: _____
Street Address: 2010 North First Street
City: San Jose
State: CA
Country: US Zip: 95131

Association Citizenship _____
 General Partnership Citizenship _____
 Limited Partnership Citizenship _____
 Corporation Citizenship Maryland
 Other _____ Citizenship _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

3. Nature of conveyance)/Execution Date(s) :

Execution Date(s) 12/22/09

Assignment Merger
 Security Agreement Change of Name
 Other _____

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)
77/672926; 77/672929; 77/816608; 77/664286; 77/615360; 77/674132; 77/505828; 77/505802

B. Trademark Registration No.(s)

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey T. Klugman
Internal Address: _____
Street Address: 4 Embarcadero Center, Suite 4000
City: San Francisco
State: CA Zip: 94111
Phone Number: 415-981-1400
Fax Number: 415-777-4961
Email Address: _____

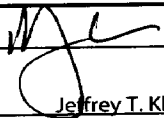
6. Total number of applications and registrations involved: 8

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 215.00

Authorized to be charged to deposit account
 Enclosed

8. Payment Information:

Deposit Account Number 00000000 77672926
Authorized User Name _____ 48.00 DP
_____ 175.00 DP

9. Signature:  _____ 2/18/10
Signature Date
Jeffrey T. Klugman
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

EXHIBIT B

Patents

<u>Description</u>	<u>Application Number</u>	<u>Registration /Application Date</u>
US PATENTS		
Alerting Systems	12/387,782	5/4/09
Blood Sample Collection Apparatus and Kits	12/584,153	9/29/09
Saliva Vial Design	29/314,382	3/25/09
Saliva Vial Collection System	12/383,535	9/29/09
Genome Based Drug Management System	12/387,783	5/3/09
CHINA PATENTS		
Saliva Sample Collection Systems	200910178920.1	9/29/09
Blood Sample Collection Apparatus and Kits	200910178919.9	9/29/09
Genomics-Based Alerting Systems	Ref# 620537-600002	9/30/09
Genome-Based Drug Management Systems	Ref# 620537-600005	9/30/09

EXHIBIT C

Trademarks

Trademark	Country	Case Number	Serial Number	Filing Date
DNA Healthguard	Argentina	38288-410/002	2937763	8/18/2009
DNA Healthguard	Brazil	38288-410/007		8/18/2009
DNA Healthguard	Canada	38288-410/008	1448513	8/18/2009
DNA Healthguard	European Community	38288-410/116	8495384	8/18/2009
DNA Healthguard	India	38288-410/030		8/18/2009
DNA Healthguard	Mexico	38288-410/042	1027956	8/18/2009
DNA Healthguard	USA	38288-410/059	77/672926	2/18/2009
DNA Lockbox	USA	38288-408/059	77/672929	2/18/2009
EDOC	USA	38288-416/059	77/816608	8/31/2009
Pathway Genomics	USA	38288-407/059	77/664286	2/5/2009
Pathway Genomics	Canada	38288-403/008	1438316	5/15/2009
Pathway Genomics	China	38288-403/010	7403608	5/18/2009
Pathway Genomics	China	38288-412/010	7403608	5/18/2009
Pathway Genomics	China	38288-413/010	7403606	5/18/2009
Pathway Genomics	European Community	38288-403/116	8304214	5/15/2009
Pathway Genomics	India	38288-403/030	1818835	5/15/2009
Pathway Genomics	USA	38288-403/059	77/615360	11/16/2008
Your Future. Only Better.	USA	38288-411/059	77/674132	2/19/2009
Your Life, Your Genes	USA	38288-402	77/505828	6/23/2008
Gene24	USA	38288-401	77/505,802	6/23/2008

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of December 22, 2009 by and between PATHWAY GENOMICS CORPORATION, a Delaware corporation ("Grantor"), and VENTURE LENDING & LEASING V, INC., a Maryland corporation ("Secured Party").

RECITALS

A. Pursuant to that certain Loan and Security Agreement and Supplement thereto, both dated as of January 7, 2009, as further supplemented by a Supplement No. 2 thereto of even date herewith ("Supplement No. 2"), between Grantor, as borrower, and Secured Party, as lender (as the same have been and may be amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), Secured Party has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in the Loan Agreement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Secured Party is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in substantially all of Grantor's personal property whether presently existing or hereafter acquired. To that end, Grantor has executed in favor of Secured Party the Loan Agreement granting a security interest in all Collateral, and is executing this Agreement with respect to certain items of Intellectual Property, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Obligations, Grantor hereby grants a security interest and mortgage to Secured Party, as security, in and to Grantor's entire right, title and interest in, to and under the following Intellectual Property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "Collateral" for purposes of this Agreement):

(a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and any applications in connection therewith, including, without limitation, registrations,

recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(e) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(f) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and

(g) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing the term "Collateral" shall not include: (a) "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would be contrary to applicable law or (b) any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code) or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "Collateral" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Secured Party's unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees as follows:

(a) Grantor has rights (as defined in the UCC) in the Collateral, except for Permitted Liens;

(b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens and except for transfers otherwise permitted under the Loan Agreement;

(c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

(d) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing (i) any applications or registrations that Grantor has made or filed in respect of any patents, copyrights or trademarks, (ii) the status of any outstanding applications or registrations and (iii) any material change in the composition of the Collateral

(e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights (ii) detect infringements of the Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected and (iii) not allow any material Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public unless Borrower deems it to be in the best interest of Borrower's business;

(f) Grantor shall apply for registration (to the extent not already registered) with the United States Patent and Trademark Office or the United States Copyright Office, as applicable: (i) those intellectual property rights listed on Exhibits A, B and C hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights developed or acquired by Grantor from time to time in connection with any product or service, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A, B and C), except, in each case, with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral. Grantor shall give Secured Party notice of all such applications or registrations; and

(g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent, which consent shall not be unreasonably withheld. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts, except for provisions in such material contracts as are referenced in the last paragraph of Section 1 of this Agreement.

3. Further Assurances; Attorney in Fact.

(a) On a continuing basis, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party may deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, this Agreement without first obtaining Grantor's approval of or signature to such modification by amending Exhibits A, B and C, hereof, as appropriate, to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Grantor where permitted by law, and (iii) subject to Section 3 of Part 2 of Supplement No. 2, after

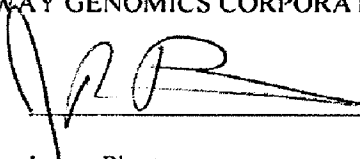
IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

4045 Sorrento Valley Blvd.
San Diego, CA 92121
Attn: Chief Executive Officer

PATHWAY GENOMICS CORPORATION

By:  _____

Name: James Plante

Its: Chief Executive Officer

SECURED PARTY:

Address of Secured Party:

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

VENTURE LENDING & LEASING V, INC.

By: _____

Name: _____

Its: _____

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

PATHWAY GENOMICS CORPORATION

4045 Sorrento Valley Blvd.
San Diego, CA 92121
Attn: Chief Executive Officer

By: _____
Name: _____
Its: _____

SECURED PARTY:

Address of Secured Party:

VENTURE LENDING & LEASING V, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

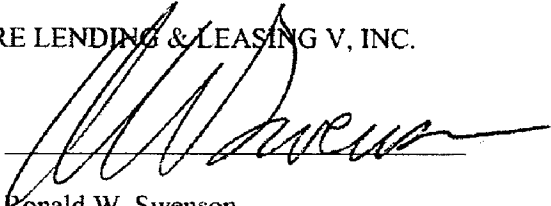
By: 
Name: Ronald W. Swenson
Its: CEO

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

None

46109/0160
JTK/371867.2