

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM384284

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
EAST WEST BANK		05/13/2016	Corporation: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	COURTAGEN LIFE SCIENCES, INC.		
<b>Street Address:</b>	12 Gill Street		
<b>Internal Address:</b>	Suite 3700		
<b>City:</b>	Woburn		
<b>State/Country:</b>	MASSACHUSETTS		
<b>Postal Code:</b>	01801		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 21</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	78444327	PATH	
<b>Serial Number:</b>	78784663	DECISION BIOMARKERS	
<b>Serial Number:</b>	78794734	AVANTRA	
<b>Serial Number:</b>	78794778	IMARK BIOCHIP	
<b>Serial Number:</b>	78857832	DECISION BIOMARKERS	
<b>Serial Number:</b>	78870866	DECISION BIOMARKERS	
<b>Serial Number:</b>	78882494	PATH PLUS	
<b>Serial Number:</b>	85254408	QPDX	
<b>Serial Number:</b>	85254410	ANGIOGENQX	
<b>Serial Number:</b>	85367907	COURTAGEN	
<b>Serial Number:</b>	85386021	A AVANTRA BIOSCIENCES	
<b>Serial Number:</b>	85503389	NUCSEEKPDY	
<b>Serial Number:</b>	85503392	MTSEEKPDY	
<b>Serial Number:</b>	85532515	MEDICINAL GENOMICS	
<b>Serial Number:</b>	85562185	ZIPHYR	
<b>Serial Number:</b>	85567675	HETASSURE	
<b>Serial Number:</b>	85567679	VARIASSURE	
<b>Serial Number:</b>	85717536	NUCSEEK	

OP \$540.00 78444327

Property Type	Number	Word Mark
Serial Number:	85717540	MTSEEK
Serial Number:	85754191	EPISEEK
Serial Number:	85754201	AUTSEEK

**CORRESPONDENCE DATA**

**Fax Number:** 2027994000

*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.*

**Phone:** 2027994000

**Email:** dctrademarks@dlapiper.com

**Correspondent Name:** Gregory Esau

**Address Line 1:** 500 Eighth Street, NW

**Address Line 4:** Washington, D.C. 20004

<b>NAME OF SUBMITTER:</b>	Gregory C. Esau
<b>SIGNATURE:</b>	/Gregory C. Esau/
<b>DATE SIGNED:</b>	05/13/2016

**Total Attachments: 8**

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## **TERMINATION OF INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This TERMINATION OF INTELLECTUAL PROPERTY SECURITY AGREEMENT (this “*Agreement*”) is made as of May 13, 2016, by and between EAST WEST BANK (“*Lender*”), and COURTAGEN LIFE SCIENCES, INC. (“*Grantor*”). Capitalized terms used but not defined herein shall have the meaning given to them in the Agreement (as defined below).

### WITNESSETH

WHEREAS, Lender and Grantor are parties to that certain Loan and Security Agreement, dated as of March 17, 2013 (the “*Loan and Security Agreement*”);

WHEREAS, pursuant to the Loan and Security Agreement, Lender and Grantor entered into that certain Intellectual Property Security Agreement, dated as of March 17, 2013 (the “*IP Security Agreement*”), pursuant to which the Grantor granted Lender a security interest in its Intellectual Property listed on Schedule A attached hereto (the “*Intellectual Property Collateral*”); and

WHEREAS, in accordance with the termination and payoff of the Loan and Security Agreement, Lender desires to terminate the IP Security Agreement and release its security interest in the Intellectual Property Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Termination of IP Security Agreement. The IP Security Agreement is hereby terminated and of no further force and effect.

2. Trademarks. Lender does hereby reassign, relinquish and release forever to Grantor all right, title and interest of any nature whatsoever which Lender holds in the Trademark registrations and applications listed on Schedule A and associated common law rights and goodwill appurtenant thereto, and further agrees that it shall execute all other documents and do all other acts necessary to relinquish and effect the release of Lender’s Security Interest in the Intellectual Property Collateral set forth herein, in each case at the Grantor’s sole expense.

3. Patents. Lender does hereby reassign, relinquish and release forever to Grantor all right, title and interest of any nature whatsoever which Lender holds in the United States Patent listed on Schedule A and associated goodwill appurtenant thereto, and further agrees that it shall execute all other documents and do all other acts necessary to relinquish and effect the release of Lender’s Security Interest in the Intellectual Property Collateral set forth herein, in each case at the Grantor’s sole expense.

4. Copyrights. Lender does hereby reassign, relinquish and release forever to Grantor all right, title and interest of any nature whatsoever which Lender holds in the United States Copyrights listed on Schedule A and associated common law rights and goodwill

appurtenant thereto, and further agrees that it shall execute all other documents and do all other acts necessary to relinquish and effect the release of Lender's Security Interest in the Intellectual Property Collateral set forth herein, in each case at the Grantor's sole expense.

*[Signature Page Follows]*

IN WITNESS WHEREOF, Lender and Grantor have executed this Agreement by its proper officer thereunto duly authorized as of the date first written above.

**LENDER:**

**EAST WEST BANK**

By: 

Name: Phillip Ernst

Title: Managing Director

**GRANTOR:**

**COURTAGEN LIFE SCIENCES, INC.**

By: 

Name: Jeffrey Forward



Title: Chief Executive Officer

**SCHEDULE A**

**INTELLECTUAL PROPERTY**

**Trademark Registrations/Applications**

<b>Country</b>	<b>Mark</b>	<b>Status</b>	<b>File/Reg. Date</b>	<b>App./Reg. No.</b>
Canada	DEVSEEK	Pending	F: 10/15/2014	AN: 1698042
Canada	EPISEEK	Registered	F: 04/09/2013 R: 03/14/2016	AN: 1621835 RN: TMA932,565
Canada	EXOSEEK	Pending	F: 10/15/2015	AN: 1,750,658
Canada	FEMINDICATOR	Allowed	F: 02/29/2016	AN: 1,769,890
Canada	LYSOSEEK	Published	F: 04/17/2015	AN: 1724308
Canada	MTSEEK	Registered	F: 02/27/2013 R: 04/29/2014	AN: 1616007 RN: TMA876,653
Canada	NUCSEEK	Registered	F: 02/27/2013 R: 04/29/2014	AN: 1616005 RN: TMA 876,652
Canada	PATHOGINDICATOR	Published	F: 04/17/2015	AN: 1724306
Canada	RXSEEK	Pending	F: 04/17/2015	AN: 1724307
Canada	SENSATIVAX	Published	F: 04/17/2015	AN: 1724305
Canada	STRAINSEEK	Pending	F: 04/17/2015	AN: 1724309
China	EPISEEK	Pending	F: 04/09/2013	AN: 1157985
European Community	AVANTRA	Registered	F: 07/18/2006 R: 10/04/2007	AN: 903275 RN: 903275
European Community	DECISION BIOMARKERS	Registered	F: 07/02/2006 R: 12/12/2007	AN: 910420 RN: 910420
European Community	DEVSEEK	Registered	F: 10/13/2014 R: 10/13/2014	AN: 1224127 RN: 1224127
European Community	EPISEEK	Registered	F: 04/09/2013	AN: 1157985 RN: 1157985
European Community	EXOSEEK	Pending	F: 10/15/2015	AN: 1275846
European Community	LYSOSEEK	Registered	F: 04/20/2015 R: 04/20/2015	AN: 1247689 RN: 1247689
European Community	MAX BIOCHIP	Registered	F: 07/18/2006 R: 10/04/2007	AN: 903274 RN: 903274
European Community	MTSEEK	Registered	F: 02/27/2013	AN: 1155500 RN: 1155500
European Community	NUCSEEK	Registered	F: 02/27/2013	AN: 1155607 RN: 1155607
European Community	PATH	Registered	F: 07/29/2006 R: 12/12/2007	AN: 910481 RN: 910481

Country	Mark	Status	Fil./Reg. Date	App./Reg. No.
European Community	PATHOGINDICATOR	Pending	F: 04/20/2015	AN: A0049849
European Community	RXSEEK	Registered	F: 04/20/2015 R: 04/20/2015	AN: 1247688 RN: 1247688
European Community	SENSATIVAX	Pending	F: 04/20/2015	AN: A0049850
European Community	STRAINSEEK	Pending	F: 04/20/2015	AN: A0049846
Israel	EPISEEK	Pending	F: 04/09/2013	AN: 1157985
Korea	EPISEEK	Pending	F: 04/09/2013	AN: 1157985
Singapore	EPISEEK	Pending	F: 04/09/2013	AN: 1157985
Thailand	EPISEEK	Pending	F: 12/30/2015	AN: 1021333
United States	A AVANTRA BIOSCIENCES Logo & Design 	Registered	F: 08/01/2011 R: 03/20/2012	AN: 85/386,021 RN: 4,114,620
United States	ANGIOGENQX	Registered	F: 03/01/2011 R: 10/04/2011	AN: 85/254,410 RN: 4,034,791
United States	AVANTRA	Registered	F: 01/19/2006 R: 07/08/2008	AN: 78/794,734 RN: 3,464,204
United States	COURTAGEN	Registered	F: 07/11/2011 R: 05/29/2012	AN: 85/367,907 RN: 4,151,671
United States	DEVACT	Registered	F: 05/15/2014 R: 11/25/2014	AN: 86/281,866 RN: 4,645,269
United States	DEVSEEK	Registered	F: 04/16/2014 R: 2/15/2015	AN: 86/253,500 RN: 4,871,392
United States	EPISEEK	Registered	F: 10/15/2012 R: 08/20/2013	AN: 85/754,191 RN: 4,389,631
United States	EXOSEEK	Allowed	F: 07/24/2015	AN: 86/704,290
United States	FEMINDICATOR	Allowed	F: 09/18/2015	AN: 86/760,887
United States	HETASSURE	Registered	F: 03/13/2012 R: 03/05/2013	AN: 85/567,675 RN: 4,299,276
United States	LYSOSEEK	Registered	F: 01/22/2015 R: 06/30/2015	AN: 86/511,197 RN: 4,764,737
United States	MEDICINAL GENOMICS & Design 	Registered	F: 02/02/2012 R: 10/15/2013	AN: 85/532,515 RN: 4,419,233
United States	MTSEEK	Registered	F: 08/30/2012 R: 09/10/2013	AN: 85/717,540 RN: 4,401,557
United States	mtSEEKPDx	Registered	F: 12/23/2011 R: 10/16/2012	AN: 85/503,392 RN: 4,227,765

Country	Mark	Status	Fil./Reg. Date	App./Reg. No.
United States	NEUROSEEK	Allowed	F: 10/06/2015	AN: 86/779,692
United States	NUCSEEK	Registered	F: 08/30/2012 R: 09/10/2013	AN: 85/717,536 RN: 4,401,556
United States	nucSEEKPDx	Registered	F: 12/23/2011 R: 10/16/2012	AN: 85/503,389 RN: 4,227,764
United States	PATH	Registered	F: 07/01/2004 R: 07/11/2006	AN: 78/444,327 RN: 3,115,097
United States	PATH PLUS	Registered	F: 05/12/2006 R: 10/12/2010	AN: 78/882,494 RN: 3,862,177
United States	PATHOGINDICATOR	Registered	F: 10/28/2014 R: 11/10/2015	AN: 86/437,001 RN: 4,852,489
United States	PATHOSEEK	Pending	F: 02/28/2016	AN: 86/922,400
United States	QPDX	Registered	F: 03/01/2011 R: 10/04/2011	AN: 85/254,408 RN: 4,034,790
United States	RADSEEK	Published	F: 11/23/2015	AN: 86/829,109
United States	RXSEEK	Registered	F: 03/20/2015 R: 01/12/2016	AN: 86/570,856 RN: 4,886,963
United States	SENSATIVAX	Allowed	F: 10/28/2014	AN: 86/437,005
United States	STRAINSEEK	Allowed	F: 01/28/2015	AN: 86/516,460
United States	STRAINSEEK	Published	F: 12/10/2015	AN: 86/844,670
United States	THERASEEK	Pending	F: 04/25/2016	AN: 87/012,814
United States	VARIASSURE	Registered	F: 03/13/2012 R: 03/05/2013	AN: 85/567,679 RN: 4,299,277
United States	ZIPHYR	Registered	F: 03/06/2012 R: 02/26/2013	AN: 85/562,185 RN: 4,296,476
WIPO	AVANTRA	Registered	F: 07/18/2006 R: 07/18/2006	AN: 903275 RN: 903275
WIPO	DECISION BIOMARKERS	Registered	F: 07/02/2006 R: 07/02/2006	AN: 910420 RN: 910420
WIPO	DEVSEEK	Registered	F: 10/13/2014 R: 10/13/2014	AN: 1224127 RN: 1224127
WIPO	EPISEEK	Registered	F: 04/09/2013 R: 04/09/2013	AN: 1157985 RN: 1157985
WIPO	EXOSEEK	Registered	F: 10/15/2015 R: 10/15/2015	AN: 1275846 RN: 1275846
WIPO	IMARK BIOCHIP	Registered	F: 07/18/2006 R: 07/18/2006	AN: 903273 RN: 903273
WIPO	LYSOSEEK	Registered	F: 04/20/2015 R: 04/20/2015	AN: 1247689 RN: 1247689
WIPO	MAX BIOCHIP	Registered	F: 07/18/2006 R: 07/18/2006	AN: 903274 RN: 903274
WIPO	MTSEEK	Registered	F: 02/27/2013 R: 02/27/2013	AN: 1155500 RN: 1155500



Country	Mark	Status	Fil/Reg. Date	App/Reg. No.
WIPO	NUCSEEK	Registered	F: 02/27/2013 R: 02/27/2013	AN: 1155607 RN: 1155607
WIPO	PATH	Registered	F: 07/29/2006 R: 07/29/2006	AN: 910481 RN: 910481
WIPO	PATHOGINDICATOR	Registered	F: 04/20/2015 R: 04/20/2015	AN: A0049849 RN: 1 259 293
WIPO	RXSEEK	Registered	F: 04/20/2015 R: 04/20/2015	AN: 1247688 AN: 1247688
WIPO	SENSATIVAX	Registered	F: 04/20/2015 R: 04/20/2015	AN: A0049850 RN: 1 259 292
WIPO	STRAINSEEK	Registered	F: 04/20/2015 R: 04/20/2015	AN: A0049846 RN: 1 259 291

## Patents

Title	Country	Application Number	Patent No.	Date Issued
EXCITATION AND IMAGING OF FLUORESCENT ARRAYS	U.S.	10/618,838	7154598	12/26/2006
SUBSTRATES FOR ISOLATING REACTING AND MICROSCOPICALLY ANALYZING MATERIALS	U.S.	10/524,614	7384742	6/10/2008
SUBSTRATES FOR ISOLATING, REACTING AND MICROSCOPICALLY ANALYZING MATERIALS	U.S.	11/431,997	7297497	11/20/2007
SUBSTRATES FOR ISOLATING, REACTING AND MICROSCOPICALLY ANALYZING MATERIALS	U.S.	12/815,832		
METHOD OF ADJUSTING THE WORKING RANGE OF A MULTI-ANALYTE ASSAY	U.S.	11/221,198	7396689	7/8/2008
ASSAYS BASED ON LIQUID FLOW OVER ARRAYS	U.S.	12/876,883		
SYSTEM AND METHOD FOR CALIBRATING A FLUORESCENCE MICROSCOPE	U.S.	11/331,961	7199360	4/3/2007
ASSAY BASED ON LIQUID FLOW OVER ARRAYS	U.S.	12/918,757		
METHOD OF AMPLIFYING NUCLEIC ACID SEQUENCES	U.S.	61/729,072		
UNNAMED UNPUBLISHED PATENT APPLICATION	U.S.	14/545,122		
UNNAMED UNPUBLISHED PATENT APPLICATION	U.S.	15/099,230		
UNNAMED UNPUBLISHED PATENT APPLICATION	U.S.	14/895,557		
UNNAMED UNPUBLISHED PATENT APPLICATION	U.S.	14/895,562		