

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Jennifer R. Cochran</td><td>05/13/2009</td></tr> <tr><td>Richard Kimura</td><td>05/12/2009</td></tr> <tr><td>Adam Silverman</td><td>05/20/2009</td></tr> <tr><td>Jennifer Lahti</td><td>05/13/2009</td></tr> <tr><td>Aron M. Levin</td><td>05/11/2009</td></tr> <tr><td>Sanjiv S. Gambhir</td><td>05/12/2009</td></tr> <tr><td>Zhen Cheng</td><td>05/07/2009</td></tr> </tbody> </table>		Name	Execution Date	Jennifer R. Cochran	05/13/2009	Richard Kimura	05/12/2009	Adam Silverman	05/20/2009	Jennifer Lahti	05/13/2009	Aron M. Levin	05/11/2009	Sanjiv S. Gambhir	05/12/2009	Zhen Cheng	05/07/2009
Name	Execution Date																
Jennifer R. Cochran	05/13/2009																
Richard Kimura	05/12/2009																
Adam Silverman	05/20/2009																
Jennifer Lahti	05/13/2009																
Aron M. Levin	05/11/2009																
Sanjiv S. Gambhir	05/12/2009																
Zhen Cheng	05/07/2009																
<b>RECEIVING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>The Board of Trustees of the Leland Stanford Junior University</td></tr> <tr><td><b>Street Address:</b></td><td>1705 El Camino Real</td></tr> <tr><td><b>City:</b></td><td>Palo Alto</td></tr> <tr><td><b>State/Country:</b></td><td>CALIFORNIA</td></tr> <tr><td><b>Postal Code:</b></td><td>94306-1106</td></tr> </table>		<b>Name:</b>	The Board of Trustees of the Leland Stanford Junior University	<b>Street Address:</b>	1705 El Camino Real	<b>City:</b>	Palo Alto	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94306-1106						
<b>Name:</b>	The Board of Trustees of the Leland Stanford Junior University																
<b>Street Address:</b>	1705 El Camino Real																
<b>City:</b>	Palo Alto																
<b>State/Country:</b>	CALIFORNIA																
<b>Postal Code:</b>	94306-1106																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12418376</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12418376												
Property Type	Number																
<b>Application Number:</b>	12418376																
<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (650)324-1678</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6503241677</p> <p>Email: will@pvjsa.com</p> <p>Correspondent Name: David J. Aston</p> <p>Address Line 1: 425 Sherman Avenue, Suite 230</p> <p>Address Line 4: Palo Alto, CALIFORNIA 94306</p>																	
<b>ATTORNEY DOCKET NUMBER:</b>	3815.37-1US (S06-356)																

CH \$40.00 12418376

**500892839**

**PATENT**  
**REEL: 022861 FRAME: 0467**

NAME OF SUBMITTER:

David J. Aston

**Total Attachments: 12**

source=3815.37-1US Assgn-4#page1.tif

source=3815.37-1US Assgn-4#page2.tif

source=3815.37-1US Assgn-4#page3.tif

source=3815.37-1US Assgn-Aron#page1.tif

source=3815.37-1US Assgn-Aron#page2.tif

source=3815.37-1US Assgn-Aron#page3.tif

source=3815.37-1US Assgn-Sanjiv#page1.tif

source=3815.37-1US Assgn-Sanjiv#page2.tif

source=3815.37-1US Assgn-Sanjiv#page3.tif

source=3815.37-1US Assgn-Zhen#page1.tif

source=3815.37-1US Assgn-Zhen#page2.tif

source=3815.37-1US Assgn-Zhen#page3.tif

**ASSIGNMENT**

Stanford Case No.: S06-356

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Name: Jennifer R. Cochran  
Address: 86 Peter Coutts Cir., Stanford, CA 94305  
  
Name: Richard Kimura  
Address: P.O. Box 19713, Stanford, CA 94305  
  
Name: Aron M. Levin  
Address: 3465 Alameda de las Pulgas #1, Menlo Park, CA 94025  
  
Name: Adam Silverman  
Address: 515 O'Keefe St. #1, Menlo Park, CA 94025  
  
Name: Sanjiv S. Gambhir  
Address: E150, Clark Center, 318C, Stanford, CA 94305  
  
Name: Zhen Cheng  
Address: 2700 Del Medio Ct., Apt. 320, Mountain View, CA 94040  
  
Name: Jennifer Lahti  
Address: 711 Old County Rd, Apt E, Belmont, CA 94002

hereby sell, assign and transfer to ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University, an organization having corporate powers, having its administrative offices located at 1705 El Camino Real, Palo Alto, CA 94306-1106, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

“ENGINEERED INTEGRIN BINDING PEPTIDES”

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c)   X   U.S. application serial no.   12/418,376  , filed on   04/03/2009  .
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 2

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;


ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University.


executed this

Signature of Inventor(s)

13 day of May, 2009

  
Jennifer R. Cochran


12 day of May, 2009

  
Richard Kimura

\_\_\_\_ day of \_\_\_\_\_, 2009

Aron M. Levin

20 day of May, 2009

  
Adam Silverman

\_\_\_\_ day of \_\_\_\_\_, 2009

Sanjiv S. Gambhir

\_\_\_\_ day of \_\_\_\_\_, 2009

Zhen Cheng

13 day of May, 2009

  
Jennifer Lahti

Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 3

Inventors: You can respond with this form in one of three ways, whichever is most convenient for you –

1. You can printout the form, sign and date it, and mail it back to us at  
PETERS, VERNY, LLP  
425 Sherman Avenue, Suite 230  
Palo Alto, CA 94306
2. You can printout the form, sign and date it, and fax it back to us at (650) 324-1678, or
3. You can type your name and date on this form send it back as an email attachment to [djaston@pvjsa.com](mailto:djaston@pvjsa.com). Please note that if you elect to use the “S-signature” option, you must personally type your name between two forward-slash marks, and send it from your own email account. EXAMPLE: /First I. Last/  
You must use a forward-slash at the beginning and end of your signature.

**ASSIGNMENT**

Stanford Case No.: S06-356

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- I. Name: Jennifer R. Cochran  
Address: 86 Peter Coutts Cir., Stanford, CA 94305
- Name: Richard Kimura  
Address: P.O. Box 19713, Stanford, CA 94305
- Name: Aron M. Levin  
Address: 330 Myrtle Street, Redwood City, CA 94062
- Name: Adam Silverman  
Address: 515 O'Keefe St. #1, Menlo Park, CA 94025
- Name: Sanjiv S. Gambhir  
Address: E150, Clark Center, 318C, Stanford, CA 94305
- Name: Zhen Cheng  
Address: 2700 Del Medio Ct., Apt. 320, Mountain View, CA 94040
- Name: Jennifer Lahti  
Address: 711 Old County Rd, Apt E, Belmont, CA 94002

hereby sell, assign and transfer to ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University, an organization having corporate powers, having its administrative offices located at 1705 El Camino Real, Palo Alto, CA 94306-1106, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

“ENGINEERED INTEGRIN BINDING PEPTIDES”

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c)   X   U.S. application serial no.   12/418,376  , filed on   04/03/2009  .
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University.

executed this

Signature of Inventor(s)

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Jennifer R. Cochran

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Richard Kimura

11th day of May  
\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
/Aron M. Levin/

\_\_\_\_\_  
Aron M. Levin

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Adam Silverman

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Sanjiv S. Gambhir

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Zhen Cheng

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Jennifer Lahti

Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 3

Inventors: You can respond with this form in one of three ways, whichever is most convenient for you –

1. You can printout the form, sign and date it, and mail it back to us at  
PETERS, VERNY, LLP  
425 Sherman Avenue, Suite 230  
Palo Alto, CA 94306
2. You can printout the form, sign and date it, and fax it back to us at (650) 324-1678, or
3. You can type your name and date on this form send it back as an email attachment to [djaston@pvjsa.com](mailto:djaston@pvjsa.com). Please note that if you elect to use the “S-signature” option, you must personally type your name between two forward-slash marks, and send it from your own email account. EXAMPLE: /First I. Last/  
You must use a forward-slash at the beginning and end of your signature.



Attorney Docket No.: 381537-IUS (DJA)

ASSIGNMENT

Stanford Case No.: S06-356

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Name: Jennifer R. Cochran  
Address: 86 Peter Coutts Cir., Stanford, CA 94305  
  
Name: Richard Kimura  
Address: P.O. Box 19713, Stanford, CA 94305  
  
Name: Aron M. Levin  
Address: 3465 Alameda de las Pulgas #1, Menlo Park, CA 94025  
  
Name: Adam Silverman  
Address: 515 O'Keefe St. #1, Menlo Park, CA 94025  
  
Name: Sanjiv S. Gambhir  
Address: 395 Golden Hills Drive, Portola Valley, CA 94028  
  
Name: Zhen Cheng  
Address: 2700 Del Medio Ct., Apt. 320, Mountain View, CA 94040  
  
Name: Jennifer Lahti  
Address: 711 Old County Rd, Apt E, Belmont, CA 94002

hereby sell, assign and transfer to ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University, an organization having corporate powers, having its administrative offices located at 1705 El Camino Real, Palo Alto, CA 94306-1106, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

"ENGINEERED INTEGRIN BINDING PEPTIDES"

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. application serial no. 12/418,376, filed on 04/03/2009
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

## Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 2

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University.

executed this

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_ day of \_\_\_\_\_, 2009

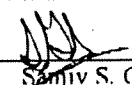
\_\_\_\_ day of \_\_\_\_\_, 2009

12<sup>th</sup> day of May, 2009

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_ day of \_\_\_\_\_, 2009

Signature of Inventor(s)

\_\_\_\_\_  
Jennifer R. Cochran\_\_\_\_\_  
Richard Kimura\_\_\_\_\_  
Aron M. Levin\_\_\_\_\_  
Adam Silverman  
\_\_\_\_\_  
Sanjiv S. Gambhir\_\_\_\_\_  
Zhen Cheng\_\_\_\_\_  
Jennifer Lahti

## Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 3

Inventors: You can respond with this form in one of three ways, whichever is most convenient for you –

1. You can printout the form, sign and date it, and mail it back to us at  
PETERS, VERNY, LLP  
425 Sherman Avenue, Suite 230  
Palo Alto, CA 94306
2. You can printout the form, sign and date it, and fax it back to us at (650) 324-1678, or
3. You can type your name and date on this form send it back as an email attachment to [djaston@pvjsa.com](mailto:djaston@pvjsa.com).  
Please note that if you elect to use the "S-signature" option, you must personally type your name between two forward-slash marks, and send it from your own email account. EXAMPLE: /First J. Last/  
You must use a forward-slash at the beginning and end of your signature.

**ASSIGNMENT**

Stanford Case No.: S06-356

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Name: Jennifer R. Cochran  
Address: 86 Peter Coutts Cir., Stanford, CA 94305  
  
Name: Richard Kimura  
Address: P.O. Box 19713, Stanford, CA 94305  
  
Name: Aron M. Levin  
Address: 3465 Alameda de las Pulgas #1, Menlo Park, CA 94025  
  
Name: Adam Silverman  
Address: 515 O'Keefe St. #1, Menlo Park, CA 94025  
  
Name: Sanjiv S. Gambhir  
Address: E150, Clark Center, 318C, Stanford, CA 94305  
  
Name: Zhen Cheng  
Address: 2700 Del Medio Ct., Apt. 320, Mountain View, CA 94040  
  
Name: Jennifer Lahti  
Address: 711 Old County Rd, Apt E, Belmont, CA 94002

hereby sell, assign and transfer to ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University, an organization having corporate powers, having its administrative offices located at 1705 El Camino Real, Palo Alto, CA 94306-1106, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

“ENGINEERED INTEGRIN BINDING PEPTIDES”

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c)   X   U.S. application serial no.   12/418,376  , filed on   04/03/2009  .
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Board of Trustees of the Leland Stanford Junior University.

executed this

Signature of Inventor(s)

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Jennifer R. Cochran

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Richard Kimura

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Aron M. Levin

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Adam Silverman

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Sanjiv S. Gambhir

7 day of May  
\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  


\_\_\_\_\_  
Zhen Cheng

\_\_\_\_ day of \_\_\_\_\_, 2009

\_\_\_\_\_  
Jennifer Lahti

Assignment

Attorney Docket No.: 3815.37-1US (DJA) S06-356

Page 3

Inventors: You can respond with this form in one of three ways, whichever is most convenient for you –

1. You can printout the form, sign and date it, and mail it back to us at  
PETERS, VERNY, LLP  
425 Sherman Avenue, Suite 230  
Palo Alto, CA 94306
2. You can printout the form, sign and date it, and fax it back to us at (650) 324-1678, or
3. You can type your name and date on this form send it back as an email attachment to [djaston@pvjsa.com](mailto:djaston@pvjsa.com). Please note that if you elect to use the “S-signature” option, you must personally type your name between two forward-slash marks, and send it from your own email account. EXAMPLE: /First I. Last/  
You must use a forward-slash at the beginning and end of your signature.

PATENT

RECORDED: 06/23/2009

REEL: 022861 FRAME: 0480