

O:CHRISTOPHER B. LINDER, PH.D. COMPANY:THOMAS, KAYDEN, HORSTEMEYER & RISLEY

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THOMAS, KAYDEN

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Form PTO-1585 (Rev. 09/04)
OMB No. 0951-0029 (exp. 06/30/2008)

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PATENTS ONLY**

Docket No.: 221907-1130

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

1. Name of conveying party(ies):

Sanjiv S. Gambhir
Ramasamy Paulmurugan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Stanford University

Internal Address:

Street Address: 1705 El Camino Real

City: Palo Alto

State: CA

Country: USA Zip: 94306-1160

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

Execution Date(s): 10/17/07

- ☒ CORRECTIVE Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other: _____

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent application No.(s)

Correct No.: 11/890,114
Previously recorded at 018998/0934

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Christopher B. Linder, Ph.D.
Thomas, Kayden, Horstemeier & Risley, LLP
600 Galleria Parkway, Suite 1500
Atlanta, Georgia 30339-5948

Phone Number: 770-933-9500
Fax Number: 770-951-0933
E-Mail Address: jo.bryan@tkhr.com

6. Total number of applications/patents involved: [1]

- 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00**
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☐ Authorized to be charged to deposit account
☐ Enclosed
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Christopher B. Linder

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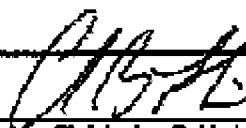
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3. Nature of conveyance/Operation Date(s): Execution Date(s): 09/17/08 <input checked="" type="checkbox"/> CORRECTIVE Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other: _____	
4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent application No.(s) Correct No.: 11680,114 Previously recorded at: 018898/0934 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Christopher B. Linder, Ph.D. Thomas, Kayden, Horstemeier & Risley, LLP 600 Galleria Parkway, Suite 1500 Atlanta, Georgia 30339-5949 Phone Number: 770-833-8800 Fax Number: 770-833-0933 E-Mail Address: jo.bryant@uspto.com	6. Total number of applications/patents involved: [1] 7. Total fee (37 CFR 1.21 (b) & 3.41) \$40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting fee) 8. Payment Information a. Credit Card Last 4 Number: 1008 Expiration Date: 09/11 b. Deposit Account Number: Authorized User Name:
a. Signature:  Christopher B. Linder Total number of pages including cover sheet, attachments, and document: 8	

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PAGE 14

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

10/23/2007

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
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Sanjiv S. Gambhir	10/17/2007										
Ramasamy Paulmurugan	10/17/2007										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Stanford University</td> </tr> <tr> <td>Street Address:</td> <td>1705 El Camino Real</td> </tr> <tr> <td>City:</td> <td>Palo Alto</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94309-1106</td> </tr> </table>		Name:	Stanford University	Street Address:	1705 El Camino Real	City:	Palo Alto	State/Country:	CALIFORNIA	Postal Code:	94309-1106
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Property Type	Number										
Application Number:	11809114										
CORRESPONDENCE DATA											
Fax Number: (770)951-0933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 770-933-9500 Email: jo.bryan@tkhr.com Correspondent Name: Christopher B. Linder Address Line 1: 600 Galleria Parkway Address Line 2: Suite 1500 Address Line 4: Atlanta, GEORGIA 30339											
ATTORNEY DOCKET NUMBER:	221807-1130										
NAME OF SUBMITTER:	Christopher B. Linder										
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 PATENT
 REEL: 021598 FRAME: 0924

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LOCATION:USPTO

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PATENT
REEL: 021598 FRAME: 0925

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89/24/2008 10:25 7709510933
88/26/2008 19:02 6507244948THOMAS, KAYDEN
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Docket No.: 221907-1130

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(Patent Assignment)

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

Name**Address**Sanjiv S. Gambhir
Rameshmy Paulmurugan395 Golden Hills, Portola Valley, CA 94028
2700 Del Medio Ct., Mountain View, CA 94040

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**LIGAND-REGULABLE TRANSACTIVATION SYSTEMS, METHODS OF USE
THEREOF, METHODS OF DETECTING ESTROGEN RECEPTOR LIGANDS, AND
METHODS OF DIFFERENTIATING ESTROGEN RECEPTOR LIGAND AGONISTS
AND ANTAGONISTS**

which was:

- ☐ executed on even date herewith,
☒ filed with the United States Patent and Trademark Office (USPTO) on August 3, 2007, and assigned Serial No. ~~11/809,114~~ 11/890,114, and
☒ further described in U.S. Provisional application entitled LIGAND-REGULABLE TRANSACTIVATION SYSTEMS, METHODS OF USE THEREOF, METHODS OF DETECTING ESTROGEN RECEPTOR LIGANDS, AND METHODS OF DIFFERENTIATING ESTROGEN RECEPTOR LIGAND AGONISTS AND ANTAGONISTS, filed with the USPTO on August 4, 2006, and assigned Serial No. 60/835,674.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, Stanford University, having a place of business at 1705 El Camino Real, Palo Alto, CA 94306-1160, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

O:CHRISTOPHER B. LINDER, PH.D. COMPANY:THOMAS, KAYDEN, HORSTEMEYER & RISLEY

09/24/2008 10:25 7789510933
09/18/2008 08:34 6507244946THOMAS, KAYDEN
STANFORD UNIVERSITYPAGE 09
PAGE 02/02

Docket No.: 221907-1130

Page 1 of 4

(Patent Assignment)

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

Name	Address
Sanjiv S. Gambhir	395 Golden Hills, Portola Valley, CA 94028
Ramasamy Paulmurugan	2700 Del Medio Ct, Mountain View, CA 94040

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O:CHRISTOPHER B. LINDER, PH.D. COMPANY:THOMAS, KAYDEN, HORSTEMEYER & RISLEY

09/24/2008 10:25 7709510933

THOMAS, KAYDEN

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Page 2 of 4

(Patent Assignment)

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

O:CHRISTOPHER B. LINDER, PH.D. COMPANY:THOMAS, KAYDEN, HORSTEMEYER & RISLEY

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(Patent Assignment)


Sanjiv S. GambhirDate: 10/17/07Date: 10/17/07Date: 10/17/07
Witness
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LOCATION:6507244948

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PATENT
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(Patent Assignment)



Ramasamy Paulmurugan

Date: 10.17.07

Witness

Date: 10/17/07

Witness

Date: 10/17/07

LOCATION:6507244948

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PAGE 02/06

Docket No.: 221907-1130

Page 1 of 4

(Patent Assignment)

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**PATENT
REEL: 021598 FRAME: 0931**

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Docket No.: 221907-1130

Page 2 of 4

(Patent Assignment)

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

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(Patent Assignment)


Sanjiv S. GambhirDate: 10/17/07
WitnessDate: 10/17/07
WitnessDate: 10/17/07

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STANFORD UNIVERSITYPAGE 19
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(Patent Assignment)



Ramasamy Paulmurugan

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