

Substitute Form PTO-1595
 Attorney Docket No.: 18202-028WO1 (1112PC)

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).							
1. Name of conveying party(ies): Lin ZHI Robert I. HIGUCHI E. Adam KALLEL Cornelis Arjan VAN OEVEREN Jun-Hung CHEN Daniel A. RUPPAR Bijan PEDRAM Thomas Lot Stevens LAU Todd MILLER Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Ligand Pharmaceuticals Incorporated 10275 Science Center Drive San Diego, California 92121-1117 United States of America Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Dates: 04/11/05; 03/30/05; 04/11/05; 04/12/05; 04/12/05; 04/11/05; 04/11/25; 04/11/25; 04/12/25, respectively	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): PCT/US2005/007867 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name/address of party to whom correspondence concerning document should be mailed: STEPHANIE L. SEIDMAN, Esq. Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.						
DO NOT USE THIS SPACE							
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border-bottom: 1px solid black; padding-bottom: 5px;">Stephanie L. Seidman, Esq. Reg. No. 33,779</td> <td style="width: 30%; border-bottom: 1px solid black; padding-bottom: 5px; text-align: center;"></td> <td style="width: 40%; border-bottom: 1px solid black; padding-bottom: 5px; text-align: right;">15 APRIL 2005</td> </tr> <tr> <td style="font-size: small;">Name of Person Signing</td> <td style="font-size: small;">Signature</td> <td style="font-size: small;">Date</td> </tr> </table>		Stephanie L. Seidman, Esq. Reg. No. 33,779		15 APRIL 2005	Name of Person Signing	Signature	Date
Stephanie L. Seidman, Esq. Reg. No. 33,779		15 APRIL 2005					
Name of Person Signing	Signature	Date					
Total number of pages including coversheet, attachments and document: 20							

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

15 APRIL 2005
 Date of Transmission

Signature

MAY S. BOYER
 Typed Name of Person Signing Certificate

ATTORNEY DOCKET: 18202-028WO1 (1112PC)

ASSIGNMENT

WHEREAS, I, **Lin ZHI**, a citizen of the United States of America, residing at 3988 Via Cangrejo, San Diego, California 92130, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications as designated at the time of filing this International Patent Application directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

ATTORNEY DOCKET: 18202-028WQ1 (1112PC)

ASSIGNMENT (ZHI)
Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: 4/11/05

Lin Zhi
LIN ZHI

STATE OF California)
COUNTY OF San Diego) SS.

On April 11, 2005, before me, the undersigned, a notary public for the State of California, personally appeared LIN ZHI, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Michele P. Travis
Notary Public

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ASSIGNMENT

WHEREAS, I, **Robert I. HIGUCHI**, a citizen of the United States of America, residing at 434 Marview Drive, Solana Beach, California 92079, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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ASSIGNMENT (HIGUCHI)
Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: 3/30/05

Robert I. Higuchi
ROBERT I. HIGUCHI

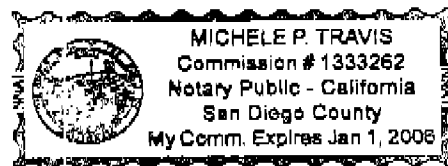
STATE OF California)
COUNTY OF San Diego) SS.

On March 30, 2005, before me, the undersigned, a notary public for the State of California, personally appeared ROBERT I. HIGUCHI, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Michele P. Travis
Notary Public

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ASSIGNMENT

WHEREAS, I, **E. Adam KALLEL**, a citizen of the United States of America, residing at 10160 Boulder Knolls, Escondido, California 92026, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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ATTORNEY DOCKET: 18202-028WO1 (1112PC)

ASSIGNMENT

WHEREAS, I, **Cornelis Arjan VAN OEVERERN**, a citizen of the Netherlands, residing at 3635 Promontory Place, Carlsbad, California 92008, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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ATTORNEY DOCKET: 18202-028WO1 (1112PC)

ASSIGNMENT

WHEREAS, I, **Jyun-Hung CHEN**, a citizen of Taiwan, residing at 7614 Palmilla Drive, #58, San Diego, California 92122, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled::

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ASSIGNMENT

WHEREAS, I, **Daniel A. RUPPAR**, a citizen of the United States of America, residing at 5230 Fiore Terrace, #K404, San Diego, California 92122, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled::

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ASSIGNMENT

WHEREAS, I, **Bijan PEDRAM**, a citizen of Canada, residing at 7665 Palmilla Drive, Apt. #5103, San Diego, California 92122, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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ATTORNEY DOCKET: 18202-028WO1 (1112PC)

ASSIGNMENT

WHEREAS, I, **Thomas Lot Stevens LAU**, a citizen of the United States of America, residing at 9949 Scripps Westview Way, San Diego, California 92131, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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ATTORNEY DOCKET: 18202-028WO1 (1112PC)

ASSIGNMENT

WHEREAS, I, **Todd Anthony MILLER**, a citizen of the United States of America, residing at 1289 Avenida Fragata, San Marcos, California 92069, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **LIGAND PHARMACEUTICALS INCORPORATED**, a corporation organized under the laws of the State of Delaware, United States of America, with a principal business address of 10275 Science Center Drive, San Diego, California 92121-1117, U.S.A. (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the international patent application number PCT/US2005/007867 filed on 11 March 2005 (11.03.05) (applicant's attorney is authorized to enter new international number and effective filing date assigned by the Receiving Office after execution of this document), and entitled:

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